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AN EMPIRICAL ANALYSIS OF THE NAVY JUNIOR RESERVE OFFICER TRAINING CORPS (NJROTC)

by

Henry Alan Zwartz

December 1987

Thesis Advisor: Ronald A. Weitzman
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An Empirical Analysis of the Navy Junior Reserve Officer Training Corps (NJROTC)

by

Henry Alan Zwartz
Lieutenant, United States Navy
B.S., Chapman College, 1980

Submitted in partial fulfillment of the
requirements for the degree of

MASTER OF SCIENCE IN MANAGEMENT

from the

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December 1987

ABSTRACT

This thesis examined the Navy Junior Reserve Officer Training Corps program. Data from Defense Manpower Data Center accession and separation files were used to build a profile of this program. Statistical analysis performed provided information which is useful in measuring the performance of the Navy Junior Reserve Officer Training Corps program in relation to similar programs operated by the other military branches. Results of this analysis indicate the areas where the Navy Junior Reserve Officer Training Corps can become more efficient. An accurate means of tracking military accessions was also produced.

TABLE OF CONTENTS

I. INTRODUCTION 11

A. PROBLEM 11

B. BACKGPOUND 13

C. OBJECTIVES 17

D. SCOPE, LIMITATIONS, AND ASSUMPTIONS 17

E. LITERATURE REVIEW AND METHODOLOGY 19

II. METHODOLOGY 20

A. DATA FILES 20

B. VARIABLES 21

C. STRUCTURE OF ANALYSIS 21

III. ANALYSIS 27

A. ACCESSIONS DATA 27

B. SEPARATIONS DATA 35

IV. SUMMARY AND RECOMMENDATIONS 40

A. SUMMARY 40

B. RECOMMENDATIONS 41

C. FUTURE RESEARCH 41

APPENDIX A: DEFENSE MANPOWER DATA CENTER FILE FORMAT SHEET 43

APPENDIX B: TABLE DEFINITION KEY 45

APPENDIX C: TABLES FOR ALL SERVICES JROTC GRADUATES FOR FISCAL YEARS 1977-1986 49

APPENDIX D: TABLES FOR NAVY JROTC GPADUATES FOR FISCAL YEARS 1977-1986 57

APPENDIX E: TABLES FOR ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986 65

APPENDIX F: TABLES FOR NAVY JROTC GRADUATES FOR FISCAL YEAR 1986 93

END NOTES 113

BIBLIOGRAPHY 114

INITIAL DISTRIBUTION LIST 115

LIST OF TABLES

1. NUMBER OF JUNIOP RESERVE OFFICER TRAINING CORPS (JROTC) UNITS AUTHORIZED AND ON-LINE BY SERVICE, SEPTEMBER 1987 12

2. NUMBEP OF JUNIOP RESERVE OFFICER TRAINING CORPS (JPOTC) CADETS BY SERVICE, SEPTEMBER 1987 14

3. LIST OF VARIABLES FOR ANALYSIS BY DMDC DATA BASE FILE FORMAT SHEET COLUMN NUMBER 22

4. TOTAL NUMBEP OF JROTC GRADUATES (ALL SERVICES) WHO ENLISTED IN THE ACTIVE DUTY MILITARY BY SERVICE, FISCAL YEAPS 1977-1986 26

5. TOTAL NUMBER AND PERCENT OF ACTIVE DUTY ENLISTMENTS OF JROTC GRADUATES (ALL SERVICES) BY SERVICE JROTC, FISCAL YEARS 1977-1986 28

6. TOTAL NUMBER AND PERCENT OF JROTC UNITS BY SERVICE, SEPTEMBER 1987 29

7. HOME OF RECORD FOR NAVY JROTC GRADUATES WHO ENLISTED IN THE MILITARY BY SERVICE (PERCENT), FISCAL YEARS 1977-1986 31

8. TOTAL NUMBEP OF ALL SERVICES JROTC GRADUATES WHO SEPARATED FROM ACTIVE DUTY MILITARY SERVICES BY SERVICE, FISCAL YEARS 1977-1986 37

9. PERCENT OF NAVY JROTC GRADUATES SEPARATED FROM ACTIVE DUTY MILITARY SERVICE BY OCCUPATIONAL AREA, FISCAL YEARS 1977-1986 39

C-1 ALL SERVICES JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986, BY RACE/ETHNIC GROUP AND JROTC PROGRAM GRADUATED FROM 49

C-2 ALL SERVICES JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986, BY RACE/ETHNIC GROUP AND JROTC PROGRAM GRADUATED FROM 50

C-3 ALL SERVICES JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986, BY RACE/ETHNIC GROUP AND BRANCH OF SERVICE ENLISTED INTO 51

C-4 ALL SERVICES JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986, BY RACE/ETHNIC GROUP AND BRANCH OF SERVICE ENLISTED INTO 52

C-5 ALL SERVICES JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986, BY JROTC PROGRAM GRADUATED FROM AND BRANCH OF SERVICE ENLISTED INTO 53

C-6 ALL SERVICES JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986, BY JROTC PROGRAM GRADUATED FROM AND BRANCH OF SERVICE ENLISTED INTO 54

C-7 ALL SERVICES JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986, BY AFQT CATEGORY AND BRANCH OF SERVICE ENLISTED INTO 55

C-8 ALL SERVICES JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986, BY AFQT CATEGORY AND BRANCH OF SERVICE ENLISTED INTO 56

D-1 NAVY JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986, BY RACE/ETHNIC GROUP AND JROTC PROGRAM GRADUATED FROM 57

D-2 NAVY JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986, BY RACE/ETHNIC GROUP AND JROTC PROGRAM GRADUATED FROM 58

D-3 NAVY JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986, BY RACE/ETHNIC GROUP AND BRANCH OF SERVICE ENLISTED INTO 59

D-4 NAVY JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986, BY RACE/ETHNIC GROUP AND BRANCH OF SERVICE ENLISTED INTO 60

D-5 NAVY JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986, BY JROTC PROGRAM GRADUATED FROM AND BRANCH OF SERVICE ENLISTED INTO 61

D-6 NAVY JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986, BY JROTC PROGRAM GRADUATED FROM AND BRANCH OF SERVICE ENLISTED INTO 62

D-7 NAVY JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986, BY AFQT CATEGORY AND BRANCH OF SERVICE ENLISTED INTO 63

D-8 NAVY JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986, BY AFQT CATEGORY AND BRANCH OF SERVICE ENLISTED INTO 64

E-1 ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY BRANCH OF SERVICE ENLISTED INTO AND JROTC PROGRAM GRADUATED FROM 65

E-2 TERM OF ENLISTMENT FOR ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986 66

E-3 ENTERING PAYGRADE FOR ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986 67

E-4 ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY SEX AND BRANCH OF SERVICE ENLISTED INTO 68

E-5 ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY RACE/ETHNIC GROUP AND BRANCH OF SERVICE ENLISTED INTO 69

E-6 ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY RACE/ETHNIC GROUP AND AFQT CATEGORY 70

E-7 ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY SEX AND AFQT CATEGORY 71

E-8 ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY SEX AND RACE/ETHNIC GROUP 72

E-9 ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY HIGHEST YEAR OF EDUCATION COMPLETED AND BRANCH OF SERVICE ENLISTED INTO 73

E-10 ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY HIGHEST YEAR OF EDUCATION COMPLETED AND RACE/ETHNIC GROUP 74

E-11 ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY HIGHEST YEAR OF EDUCATION COMPLETED AND SEX 75

E-12 ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY AGE AT ENTRY INTO THE MILITARY AND BRANCH OF SERVICE ENLISTED INTO 76

E-13 ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY AGE AT ENTRY INTO THE MILITARY AND RACE/ETHNIC GROUP 77

E-14 ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY AGE AT ENTRY INTO THE MILITARY AND SEX 78

E-15 ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY HOME OF RECORD AND JROTC PROGRAM GRADUATED FROM 79

E-16 ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY AFQT CATEGORY AND BRANCH OF SERVICE ENLISTED INTO 84

E-17 ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY JROTC PROGRAM GRADUATED FROM AND RACE/ETHNIC GROUP 85

E-18 ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY JROTC PROGRAM GRADUATED FROM AND RACE/ETHNIC GROUP 86

E-19 ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY HIGHEST YEAR OF EDUCATION COMPLETED AND RACE/ETHNIC GROUP 87

E-20 ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY HIGHEST YEAR OF EDUCATION COMPLETED AND RACE/ETHNIC GROUP 88

E-21 ALL SERVICES JROTC MALE GRADUATES FOR FISCAL YEAR 1986, BY AFQT CATEGORY AND RACE/ETHNIC GROUP 89

E-22 ALL SERVICES JROTC FEMALE GRADUATES FOR FISCAL YEAR 1986, BY AFQT CATEGORY AND RACE/ETHNIC GROUP 90

E-23 ALL SERVICES JROTC MALE GRADUATES FOR FISCAL YEAR 1986, BY BRANCH OF SERVICE ENLISTED INTO AND RACE/ETHNIC GROUP 91

E-24 ALL SERVICES JROTC FEMALE GRADUATES FOR FISCAL YEAR 1986, BY BRANCH OF SERVICE ENLISTED INTO AND RACE/ETHNIC GROUP 92

F-1 TERM OF ENLISTMENT FOR ALL NAVY JROTC PROGRAM GRADUATES 93

F-2 ENTERING PAYGRADE FOR ALL NAVY JROTC PROGRAM GRADUATES 94

F-3 NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY SEX AND BRANCH OF SERVICE ENLISTED INTO 95

F-4 NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY RACE/ETHNIC GROUP AND BRANCH OF SERVICE ENLISTED INTO 96

F-5 NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY RACE/ETHNIC GROUP AND AFQT CATEGORY 97

F-6 NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY SEX AND AFQT CATEGORY 98

F-7 NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY SEX AND RACE/ETHNIC GROUP 99

F-8 NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY HIGHEST YEAR OF EDUCATION COMPLETED AND BRANCH OF SERVICE ENLISTED INTO 100

F-9 NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY HIGHEST YEAR OF EDUCATION COMPLETED AND RACE/ETHNIC GROUP 101

F-10 NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY HIGHEST YEAR OF EDUCATION COMPLETED AND SEX 102

F-11 NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY AGE AT ENTRY INTO THE MILITARY AND BRANCH OF SERVICE ENLISTED INTO 103

F-12 NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY AGE AT ENTRY INTO THE MILITARY AND RACE/ETHNIC GROUP 104

F-13 NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY AGE AT ENTRY INTO THE MILITARY AND SEX 105

F-14 NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY HOME OF RECORD AND JROTC PROGRAM GRADUATED FROM 106

F-15 NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY AFQT CATEGORY AND BRANCH OF SERVICE ENLISTED INTO 110

F-16 NAVY JROTC MALE PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY JROTC PROGRAM GRADUATED FROM AND RACE/ETHNIC GROUP 111

F-17 NAVY JROTC FEMALE PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY JROTC PROGRAM GRADUATED FROM AND RACE/ETHNIC GROUP 112

I. INTRODUCTION

A. PROBLEM

There used to be a time when the Department of Defense would be granted most of its requests for increased spending in order to strengthen the military power and defense posture of the United States military. Budget deficits became the norm. It was not until the budget deficits started growing at alarming rates that they became major political issues in the campaigns of politicians.

While candidates for political office gave promises to balance the budget if they were elected, these promises went unfulfilled. Congressional leaders have finally acknowledged that the free-spending spirit of the government must be curtailed. With the passage of the Gramm-Rudman Bill, legislators are now beginning to consider budget cuts in order to reduce the federal deficit.

Obviously, one of the major problems of budget cutting is trying to decide what types of cuts should be made. Many programs are undergoing some type of budget reduction. The Junior Reserve Officer Training Corps (JROTC) program has not been immune to these reductions. With an initial authorization level of 1,600 JROTC units divided among the Army, Navy, Marine Corps, and Air Force, the total for all services is presently frozen at 1,479 units. This is shown

in Table 1. As Table 1 indicates, the Services are presently at about 8 percent below their authorization level. Due to a reduced budget, the Services are not allowed to expand beyond their current levels.

Program Managers for the Navy Junior Reserve Officer Training Corps (NJROTC) need information that will allow them to make more knowledgeable decisions about where and how their budgets can be trimmed.

TABLE 1

NUMBER OF JUNIOR RESERVE OFFICER TRAINING CORPS (JROTC) UNITS AUTHORIZED AND ON-LINE BY SERVICE, SEPTEMBER 1987

SERVICE	CURRENT AUTHORIZATION	AS OF SEP 87 ON-LINE
ARMY	896	862 (96%)
NAVY	289	241 (83%)
MARINES	80	80 (100%)
AIR FORCE	335	296 (88%)
TOTAL	1,600	1,479 (92%)

SOURCE: CHIEF OF NAVAL EDUCATION AND TRAINING, SEPTEMBER 1987.

This thesis attempts to provide an empirical analysis of the NJROTC program. In so doing, it answers several questions about NJROTC graduates such as:

- What states do those who enlist in the military come from?
- What branch of the military do they enter?

- What is their Armed Forces Qualification Test (AFQT) category?
- What age are they most likely to enter the military?
- What career fields do they enter?

Answers to these questions are not only valuable to program managers, but can also be of value to recruiters of NJROTC graduates. This will be shown in Section III of the thesis. Data used were for fiscal years 1977 through 1986. Fiscal year 1987 data were not used because final updates of data files for 1987 were not completed in time for inclusion in this study.

B. BACKGROUND

The JROTC program can trace its origins back to 1911. However, the Army JROTC program was not officially recognized until the National Defense Act of 1916. The ROTC Revitalization Act of 1964 increased the number of JROTC units authorized and required the Air Force, Navy, and Marine Corps to establish JROTC programs. By 1966, all of the Services had activated their respective programs.[1]

The JROTC program is a Department of Defense-funded voluntary training program for high school men and women in grades 9 through 12. There are currently over 219,000 cadets enrolled in JROTC units nationwide. Their distribution by Service is shown in Table 2.[2]

TABLE 2

NUMBER OF JUNIOR RESERVE OFFICER TRAINING CORPS (JROTC) CADETS BY SERVICE, SEPTEMBER 1987

SERVICE	NUMBER OF CADETS
ARMY	136,502
NAVY	30,728
MARINES	10,660
AIR FORCE	41,505
TOTAL	219,395

SOURCE: CHIEF OF NAVAL EDUCATION AND TRAINING, SEPTEMBER 1987.

The ROTC Revitalization Act of 1964 put the responsibility of establishing JROTC units on the Secretary of each of the Military Departments. The act also called for an equitable geographical distribution of JROTC units throughout the nation. A minimum of 100 students are necessary for establishment and continuation of a unit. Schools are required to provide adequate facilities for classrooms, equipment storage space, and drill areas, and conduct, as a minimum, a three-year course of military instruction. Course membership in JROTC is limited to students who maintain academic and discipline standards acceptable to the military. The Services are required to provide necessary texts, equipment, and uniforms, and to establish the performance standards for their units. No military obligation is incurred for participating in JROTC.[3]

To enroll in the JROTC program, a student must be:

1. A citizen of the United States.
2. 14 years of age or older.
3. In good academic standing in school.
4. Able to participate in the physical education program of the school.
5. Selected by the military instructor and school officials.
6. Able to pass prescribed screening tests.

The JROTC program is a joint effort by the military and local school authorities to provide high school students with military science information consistent with other fields in secondary education. The JROTC program is built upon contemporary concepts of education and its goals and objectives are tuned to the needs of today's student. As prescribed by the implementing legislation, certain traditional concepts are included. The JROTC program, however, is specifically designed to meet the requirements of this era of scientific achievement and technological development, and the program is expected to play a key part in preparing future citizens for their roles in modern society.[4]

The JROTC program provides an opportunity for secondary school students to learn about the basic elements and requirements for national security and their personal obligations as Americans. As described in the NJPOTC

Information Booklet, the JROTC program has the following specific goals and objectives.[5]

1. Goals

   a. Develop informed and responsible citizens.

   b. Strengthen character.

   c. Promote an understanding of the basic elements and requirements for national security.

   d. Develop habits of self-discipline.

   e. Develop respect for and understanding of the need for constituted authority in a democratic society.

   f. Develop an interest in the military services as a possible career.

2. Objectives

   a. Students will be able to readily accept the responsibility and importance of citizenship as it relates to the democratic principles upon which our country is founded.

   b. Students will be able to use operative principles of military leadership to attain a given goal or objective.

   c. Students will be able to achieve group solidarity and unit pride through the use of teamwork concepts.

   d. Students will be able to learn to use the chain of command as a means for communicating a redress, request, or grievance.

   e. Students will be able to rely on the intrinsic value of good order and discipline in the accomplishment of assigned objectives.

   f. Students will have a sound knowledge of military operations, organization, and the military's role in national and international security.

C. OBJECTIVES

This thesis will examine the demographic and other characteristics of Navy JROTC program graduates who enlist in the Army, Navy, Marine Corps, and Air Force. It will also provide a solid foundation upon which to build further research. The data analysis should also furnish Navy JROTC program managers with new information that can be useful in conducting efficiency and cost-benefit analyses.

D. SCOPE, LIMITATIONS, AND ASSUMPTIONS

The goal of this thesis is to provide an analysis of data that can be used by NJROTC program managers to perform efficiency studies of the program and cost-benefit analysis during the present era of budget cutting. The results of this analysis, for example, should help to lay the basic groundwork for future research in areas of regression analysis. It is beyond the scope of this thesis to explain why certain characteristics occur. Rather, it is intended that this work will provide an initial, broadbased foundation of information upon which other researchers can design future studies.

Limitations that affected the research accomplished for this thesis included:

- Data records maintained by some JROTC program managers pertaining to the early years of this study, were unavailable.

- The only data available from JROTC program managers were "soft" (that is, survey data which is not considered very accurate).
- There was a lack of previous research work. No prior research work was done in this area. Therefore, this thesis could not build upon previous work.
- There was a scarcity of literature available for review. Furthermore, literature that was available was often too general in nature.

The following assumptions were made in the study:

- Errors in the data, caused by the incorrect filling out of data base file format sheets, are no greater than one percent.[6]
- Differences in totals between cross-tabulations of two variables versus three variables is also no greater than one percent.[7]
- The data used in this study start in 1976 - ten years after the program began.[8] The assumption is made that the number of JROTC units has remained fairly constant. This is true for all branches except the Army JROTC, which has increased its total units by 35 percent between fiscal years 1977 and 1986. Since the data analysis is measured by percentages, it is assumed that this will not have a large influence on the findings.

E. LITERATURE REVIEW AND METHODOLOGY

The literature reviewed was mostly general in nature. No record of any prior research performed in this area could be found. Because this is apparently the first research work of its type using "hard" data, this thesis emphasizes the presentation of descriptive statistics supplied by the Defense Manpower Data Center (DMDC), in Monterey, California.

II. METHODOLOGY

A. DATA FILES

The data files were supplied by the Defense Manpower Data Center (DMDC) located in Monterey, California. DMDC has many data files dating back to fiscal year 1971. However, the files used for this thesis are the Active Duty Service Gain Files beginning with fiscal year 1977 and ending with fiscal year 1986. This ten-year period was chosen because the Active Duty Service Gain Files only maintain partial data for fiscal year 1976. Fiscal year 1977 was the first full year of complete data. Fiscal year 1987 data files were not completely updated at the time of this thesis research and, therefore, fiscal year 1986 was the last year of complete data available. These data files are updated on a quarterly basis. These files only cover active duty enlistments. They do not cover reservists or officer accessions.

Another file which was used in this thesis research was the Active Duty Loss Transaction Files for fiscal years 1977 through 1986. These files are available back to fiscal year 1971. However, as with the Active Duty Service Files, data prior to fiscal year 1977 is incomplete and the fiscal year 1987 data files were not yet updated at the time of this research.

B. VARIABLES

An example of the data base file format sheet can be found in Appendix A. The variables to be analyzed and the corresponding columns of the data base file format are listed in Table 3.

C. STRUCTURE OF ANALYSIS

The Statistical Analysis System (SAS) computer package was used for the data analysis. Two-and three-way tables of cross-classification, also known as contingency tables, were used in the data analysis. In order to explore any possible pattern or relationship between variables, it is useful to first convert these results into percentages based on the following:[9]

1. The overall total
2. The row totals
3. The column totals

"Supertables" were also extensively used. A supertable is essentially a collection of cross-classification tables for the same column variable and categories. However, as many row variables as desired are included for comparison against the column variable. The data in each cell of the table are always given as a percentage of its corresponding row total. This permits line-by-line comparisons for the categories within a particular row variable as well as for the categories among the various row variables.[10]

TABLE 3

LIST OF VARIABLES FOR ANALYSIS BY DMDC DATA BASE
FILE FORMAT SHEET COLUMN NUMBER.

VARIABLE #	COLUMN #	VARIABLE
1.	10	Home of Record (HOR)
2.	16	Age at Entry (AGEENT)
3.	18/92	Highest Year Education Completed(HYEC)
4.	19	SEX
5.	22	Race Ethnic (RACEETH)
6.	26	AFQT Groups (AFQT)
7.	39/94	Service of Accession (SERVICE)
8.	61	Term of Enlistment (TOE)
9.	62	Entry Paygrade (ENTPG)
10.	75	Youth Program (JROTC)
11.	86/87	Total Active Federal Military Service (YEARS)
12.	88/89	DOD Primary Occupation Code (DPOC2)
13.	93	Paygrade (PG)
14.	100	Inter-Service Separation Code (ISCX)
15.	111	Character of Service (CHARSVC)

SOURCE: DEFENSE MANPOWER DATA CENTER (DMDC), SEPTEMBER 1987.

The following is a list of cross-classification tables that were analyzed for accessions:

1. Term of Enlistment (TOE)
2. Entering Paygrade (ENTPG)
3. Home of Record (HOR)
4. Age at Entry (AGEENT) by Sex
5. AGEENT by Race Ethnic (RACEETH)
6. AGEENT by Service
7. Highest Year Education Completed (HYEC) by Sex
8. HYEC by RACEETH
9. HYEC by Service
10. Sex by RACEETH
11. Sex by AFQT Group (AFQT)
12. Sex by Service
13. RACEETH by AFQT
14. RACEETH by Service
15. AFQT by Service
16. Youth Program (JROTC) by Service

The following is a list of cross-classification tables which were analyzed for separations:

1. JROTC by Service
2. Inter-service Separation Code (ISCX) by Total Active Federal Military Service (YEARS)
3. YEARS by Service
4. YEARS by JROTC
5. ISCX by Service

6. ISCX by JROTC
7. Fiscal Year Loss by Service
8. Character of Service (CHARSVC) by Service
9. CHARSVC by JROTC
10. Pay Grade (PG) by Service
11. PG by JROTC
12. HYEC by Service
13. HYEC by JROTC
14. DOD Primary Occupation Code (DPOC2) by Service
15. DPOC2 by JROTC
16. Sex by Service
17. Sex by JROTC
18. RACEETH by Service
19. RACEETH by JROTC.

This final list consists of three-way tables that were analyzed for accessions:

1. HOR by JROTC for Service
2. HOR by AFQT for Service
3. HOR by HYEC for Service
4. AGEENT by RACEETH for Sex
5. AGEENT by JROTC for Service
6. RACEETH by JROTC for Sex
7. RACEETH by Service for Sex
8. RACEETH by AFQT for Sex
9. RACEETH by HYEC for Sex
10. JROTC by Service for Sex

11. AGEENT by Service for Sex

12. HYEC by JROTC for Sex

13. HYEC by JROTC for Service

14. AFQT by Service for Sex

15. AFQT by JROTC for Service

The population size for data analysis is represented in Table 4. Total size is 56,852. This is the total population of JROTC graduates from all of the Services JROTC programs that enlisted into the active duty military in fiscal year 1977 through fiscal year 1986. This population was chosen because complete data was available for use in the following analysis.

TABLE 4

TOTAL NUMBER OF JROTC GRADUATES (ALL SERVICES) WHO ENLISTED IN THE ACTIVE DUTY MILITARY BY SERVICE, FISCAL YEARS 1977 - 1986

	FY 77	FY 78	FY 79	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	FY 86	TOTAL
ARMY	2390	2680	2393	2444	2131	1999	2480	3509	3033	3238	26,297
	(40.18)	(45.58)	(43.61)	(44.84)	(43.24)	(42.98)	(49.24)	(52.39)	(47.96)	(50.21)	(46.26)
NAVY	1725	1438	1295	1088	1028	849	1056	1291	1450	1463	12,683
	(29.00)	(24.46)	(23.60)	(19.96)	(20.86)	(18.25)	(20.96)	(19.27)	(22.93)	(22.69)	(22.31)
MARINES	504	605	579	690	586	597	605	890	829	752	6,637
	(8.47)	(10.29)	(10.55)	(12.66)	(11.89)	(12.84)	(12.01)	(13.29)	(13.11)	(11.66)	(11.67)
AIR FORCE	1329	1157	1220	1228	1183	1206	896	1008	1012	996	11,235
	(22.34)	(19.68)	(22.23)	(22.53)	(24.01)	(25.93)	(17.79)	(15.05)	(16.00)	(15.44)	(19.76)
TOTAL	5948	5880	5487	5450	4928	4651	5037	6698	6324	6449	56,852
	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)

SOURCE: DEFENSE MANPOWER DATA CENTER, NOVEMBER 1987

*Figures in parentheses are percent of yearly totals.

III. ANALYSIS

A. ACCESSIONS DATA

When comparing Table 4 and Table 5, there is a difference of 526 accessions. This is due to one percent of the accessions coming from unknown JROTC units. These accessions were deleted from Table 5.

The first important observation is that while the Navy has 16.3 percent of the JROTC units (as shown in Table 6), only 15.02 percent of all active duty enlisted accessions come from Navy JROTC programs. But the Navy still comes out ahead, because 22.79 percent of JROTC graduate accessions enter the active duty Navy. Although 41.38 percent of Navy JROTC graduate accessions enlist in the Navy, another 31.8 percent enlist in the Army. One reason that might explain such a high percentage of Navy JROTC graduates enlisting in the Army could be a lack of interest generated by Navy JROTC summer camps. Another reason could be the fact that Navy JROTC units are usually located closer to Army bases. A third reason could be students who were interested in other service JROTC programs were forced to enter the Navy JROTC program because the other service programs were not available in their area. A survey could be used to determine the answer to this problem. A researcher could send out a survey form to Navy JROTC graduates, especially to

graduates who enlist in the military, to determine the enlistment propensities and attitudes of the graduates.

The data in Table 5 are also invaluable in determining a cost-benefit analysis of the Navy JROTC. In fiscal year 1986, the Navy JROTC costs were approximately $10.7 million, while only 378 Navy JROTC graduates enlisted in the Navy. This converts to

TABLE 5

TOTAL NUMBER AND PERCENT OF ACTIVE DUTY ENLISTMENTS OF JROTC GRADUATES (ALL SERVICES) BY SERVICE JROTC, FISCAL YEARS 1977 - 1986

	ARMY JROTC	NAVY JROTC	MARINE JROTC	AIR FORCE JROTC	TOTAL
ARMY	17,810	2,690	633	4,748	25,881
%	(31.62)	(4.78)	(1.12)	(8.43)	------
ROW %	(68.81)	(10.39)	(2.45)	(18.35)	(100)
COLUMN %	(55.03)	(31.80)	(28.23)	(35.81)	(45.95)
NAVY	6,207	3,500	440	2,688	12,835
%	(11.02)	(6.21)	(.78)	(4.77)	------
ROW %	(48.36)	(27.27)	(3.43)	(20.94)	(100)
COLUMN %	(19.18)	(41.38)	(19.63)	(20.27)	(22.79)
MARINES	3,313	1,181	878	1,168	6,540
%	(5.88)	(2.10)	(1.56)	(2.07)	------
ROW %	(50.66)	(18.06)	(13.42)	(17.86	(100)
COLUMN %	(10.24)	(13.96)	(39.16)	(8.81)	(11.61)
AIR FORCE	5,035	1,088	291	4,656	11,070
%	(8.94)	(1.93)	(.52)	(8.27)	------
ROW %	(45.48)	(9.83)	(2.63)	(42.06)	(100)
COLUMN %	(15.55)	(12.86)	(12.98)	(35.11)	(19.65)
ROW %	(57.46)	(15.02)	(3.98)	(23.54)	(100)
TOTAL	32,365	8,459	2,242	13,260	56,326
COLUMN %	(100)	(100)	(100)	(100)	(100)

SOURCE: DEFENSE MANPOWER DATA CENTER, NOVEMBER 1987

an astounding cost of over $28 thousand per accession. The cost decreases substantially if enlistments into other services are included. For example, with a total of 961 accessions across all Services, the cost per accession drops to about $11 thousand. If other service JROTC graduates who enlist in the Navy are included, (a total of 1,463 accessions), the cost per Navy accession falls again to about $7 thousand. The costs are eventually decreased even further if accessions into the reserve and officer programs are included.

TABLE 6

TOTAL NUMBER AND PERCENT OF JROTC UNITS BY SERVICE, SEPTEMBER 1987

SERVICE	UNITS
ARMY %	862 (58.28)
NAVY %	241 (16.30)
MARINES %	80 (5.41)
AIR FORCE %	296 (20.01)
TOTAL	1,479 (100)

SOURCE: CHIEF OF NAVAL EDUCATION AND TRAINING, SEPTEMBER 1987

Continuing with the data analysis, it was found that 72 percent of Navy JROTC graduates enlist for four years, while 6.5 percent enlist for greater than four years. In fiscal years 1985 and 1986, eight-year enlistments comprised five percent of total enlistments. Fifty-four percent of the Navy JROTC graduates enter at a paygrade of E-3, and 31 percent enter at paygrade E-2.

By studying the Home of Record data in Table 7, the Navy JROTC program manager can find the percentage of accessions "produced" be each state. An investigation of differences between high and low production states could help to isolate the important factors and possibly help to improve production in states at the bottom end of the distribution. The manager could also use other Home of Record data to discover what states are supplying Navy enlistments from other JROTC programs, such as Georgia and South Carolina, where 66.8 percent and 83.7 percent of Navy enlistments in these states, respectively, come from Army JROTC programs. The program manager could move more units into these areas and remove units from the less productive areas.

The age at which most NJROTC graduates enter the Navy is 18 years. Overall, about 42 percent enlist at this age, followed by 22 percent at 19 years. Thirteen percent are 17 years of age and 23 percent are 20 years or older. Ninety-one percent are men and nine percent are women. The proportion of whites who enlist from Navy JROTC programs is

TABLE 7

HOME OF RECORD FOR NAVY JROTC GRADUATES WHO ENLISTED IN THE MILITARY BY SERVICE (PERCENT), FISCAL YEARS 1977 - 1986

STATE	ARMY	NAVY	MARINES	AIR FORCE	TOTAL
ALABAMA	.79	.73	.39	.24	2.15
ALASKA	.08	.14	.02	0	.24
AMERICAN SAMOA	0	0	0	0	0
ARIZONA	.39	.76	.40	.27	1.82
ARKANSAS	.53	.80	.51	.11	1.95
CALIFORNIA	1.3	3.37	.67	.52	5.86
CANAL ZONE (OBS)	0	0	0	0	0
COLORADO	.12	.24	.05	.09	.5
CONNECTICUT	.04	.09	0	.05	.18
DELAWARE	.01	.02	0	0	.03
DIS. OF COLUMBIA	.15	.09	.17	.01	.42
FLORIDA	5.46	5.50	2.19	2.05	15.2
GEORGIA	1.71	2.58	.78	.82	5.89
GUAM	.12	.24	.05	.02	.43
HAWAII	.06	.04	.02	0	.12
IDAHO	.27	.28	.05	.24	.84
ILLINOIS	.25	.48	.04	.07	.84
INDIANA	.17	.54	.04	.20	.95
IOWA	.01	.02	.01	.02	.06
KANSAS	.09	.38	.02	.05	.54
KENTUCKY	.73	.73	.47	.39	2.32
LOUISIANA	.83	1.53	.35	.26	2.97

TABLE 7 - CONTINUED

HOME OF RECORD FOR NAVY JROTC GRADUATES WHO ENLISTED IN THE MILITARY BY SERVICE (PERCENT), FISCAL YEARS 1977 - 1986

STATE	ARMY	NAVY	MARINES	AIR FORCE	TOTAL
MAINE	0	.01	0	0	.01
MARYLAND	.61	.31	.41	.11	1.44
MASSACHUSETTS	.19	.24	.08	.11	.62
MICHIGAN	.17	.43	.01	.07	.68
MINNESOTA	.26	.47	.14	.08	.95
MISSISSIPPI	1.16	1.48	.20	.40	3.24
MISSOURI	.26	.45	.12	.12	.95
MONTANA	.06	.20	.26	.13	.65
NEBRASKA	.01	.04	0	0	.05
NEVADA	.46	.52	.17	.18	1.33
NEW HAMPSHIRE	.12	.17	.02	.17	.48
NEW JERSEY	.22	.79	.21	.31	1.53
NEW MEXICO	.52	1.29	.26	.30	2.37
NEW YORK	.22	.66	.15	.19	1.22
NOPTH CAROLINA	3.23	1.61	1.04	.91	6.79
NORTH DAKOTA	0	.02	0	0	.02
OHIO	.82	.89	.37	.12	2.2
OKLAHOMA	.07	.19	0	.01	.27
OREGON	.01	.07	0	.01	.09
PENNSYLVANIA	.17	1.73	.09	.38	2.37
PUERTO RICO	.01	.01	0	0	.02
RHODE ISLAND	.33	.13	.13	.09	.68

TABLE 7 - CONTINUED

HOME OF RECORD FOR NAVY JROTC GRADUATES WHO ENLISTED IN THE MILITARY BY SERVICE (PERCENT), FISCAL YEARS 1977 - 1986

STATE	ARMY	NAVY	MARINES	AIR FORCE	TOTAL
SOUTH CAROLINA	2.02	3.05	.65	.99	6.71
SOUTH DAKOTA	.01	.05	0	0	.06
TENNESSEE	.79	1.15	.20	.15	2.29
TEXAS	2.33	3.44	1.42	.92	8.11
UTAH	.05	.22	.05	.12	.44
VERMONT	0	.04	0	.01	.05
VIRGINIA	4.07	2.20	1.43	1.39	9.09
VIRGIN ISLANDS	0	.05	0	0	.05
WASHINGTON	.48	.51	.24	.12	1.35
WEST VIRGINIA	0	.05	.02	0	.07
WISCONSIN	0	.18	.02	0	.20
WYOMING	.06	.18	.02	.06	.32

SOURCE: DEFENSE MANPOWER DATA CENTER, NOVEMBER 1987

62 percent, with blacks and Hispanics following at 20 percent and 15 percent, respectively. These percentages are the same for males, while there are five percent more black women and six percent less white women. Twenty-seven percent of white male JROTC graduates enlist in the Navy, while 19 percent black males and 18 percent Hispanic males

enter the Navy. Twenty-two percent of the white female JROTC graduates enlist in the Navy, while 18 percent and 16 percent of the black and Hispanic females, respectively, enter the Navy.

Of those JROTC graduates enlisting in the Navy, 47 percent fall into AFQT categories I through IIIa, with another 31 percent falling in AFQT category IIIb and 14 percent falling in AFQT category IVa. Eighty-nine percent of the female enlistees have entrance scores in categories I through IIIb, whereas only 77 percent of the male enlistees fall in these same categories. Looking at the AFQT levels of Navy JROTC graduates, 47 percent fall in categories I through IIIa, 31 percent in category IIIb, and 13 percent in category IVa. Only the Air Force gets a higher percentage of AFQT category I through IIIa JROTC program graduates, at 53 percent. The Navy JROTC graduates who have entrance test scores in AFQT categories I through IIIa and eventually enlist do so at a rate of 45 percent into the Navy, 26 percent into the Army, 16 percent into the Air Force, and 13 percent into the Marines.

White males who score in AFQT categories I through IIIa do so at 58 percent, while the same categories of black and Hispanic males are 25 percent and 15 percent, respectively. White women in categories I through IIIa total 60 percent, compared with 44 percent of black women and 21 percent of Hispanic women.

Eighty-eight percent of the males completed high school, compared with 93 percent of women. These figures are the same for Navy JROTC graduates. White women are at 92 percent with black and Hispanic women at 94 percent. For Navy JROTC graduates, white women increase to 94 percent with black women at 93 percent and Hispanic women at 96 percent completing high school (as their highest year of education).

B. SEPARATIONS DATA

A separation is an any service JROTC program graduate who enlisted into any active duty branch of military service and was released from active duty any fiscal year between fiscal year 1977 and fiscal year 1986, inclusive. This data exhibits results that reflect what happened to earlier fiscal year cohorts because later fiscal year cohorts (e.g., fiscal year 1986) have only been in the military for two years and are still on active duty.

The number of separations in this sample can be found in Table 8. While 24.1 percent of all separations, by JROTC graduates are from the Navy, only 14.5 percent of these individuals were graduates of Navy JROTC programs.

Of these 4,257 separations, 51 percent were due to expiration of term of services; 31 percent were due to failure to meet minimum behavioral and performance criteria (such as drugs, financial irresponsibility); 7 percent were

due to medical disqualifications; 7 percent were other separations or discharges; and 2 percent were entered into officer commissioning programs. Eighty-two percent of these separations occurred at four or less years of service, while 44 percent occurred with between four and seven years of service. The greatest percentage of separations, 29 percent, occurred at the four-year point, and the second greatest, 22 percent, occurred at the one-year point. For those separations at the one-and two-year points, 59 percent were due to failure to meet minimum behavioral and performance criteria.

It is interesting to note that 73 percent of the separations discussed above were honorable, 10 percent were under honorable conditions, and 7 percent were under other than honorable conditions. This was the same for all JROTC graduates regardless of their JROTC program.

The Navy JROTC graduates who separated from the military, regardless of branch of service, did so at the proportions of 69 percent being white, 19 percent were Hispanic, and 10 percent were black.

Among the different branches of service, the Navy had the highest percentage of whites who separated, as 47 percent left the service. The Army followed with 25 percent of its whites leaving. However, the Army had larger percentages of Hispanics and blacks who separated as 46 percent of the Hispanics and 39 percent of the blacks were

TABLE 8

TOTAL NUMBER OF ALL SERVICES JROTC GRADUATES
WHO SEPARATED FROM ACTIVE DUTY MILITARY SERVICES
BY SERVICE, FISCAL YEARS 1977-1986

	ARMY	NAVY	MARINES	AIR FORCE	TOTAL
ARMY JROTC	9,446	3,633	2,700	1,845	17,624
%	(32.17)	(12.37)	(9.19)	(6.28)	------
ROW %	(53.60)	(20.61)	(15.32)	(10.47)	(100)
COLUMN %	(71.58)	(51.34)	(47.99)	(53.22)	(60.01)
NAVY JROTC	1,301	1,838	541	577	4,257
%	(4.43)	(6.26)	(1.84)	(1.96)	------
ROW %	(30.56)	(43.18)	(12.71)	(13.55)	(100)
COLUMN %	(9.86)	(25.97)	(9.62)	(16.64)	(14.50)
MARINES JROTC	288	233	151	465	1,137
%	(.98)	(.79)	(.51)	(1.58)	------
ROW %	(25.33)	(20.49)	(13.28)	(40.90	(100)
COLUMN %	(2.18)	(3.29)	(2.68)	(13.41)	(3.87)
AIR FORCE	2,162	1,373	2,234	580	6,349
%	(7.36)	(4.68)	(7.61)	(1.98)	------
ROW %	(34.05)	(21.63)	(35.19)	(9.13)	(100)
COLUMN %	(16.38)	(19.4)	(39.71)	(16.73)	(21.62)
ROW %	(44.94)	(24.1)	(19.16)	(11.80)	(100)
TOTAL	13,197	7,077	5,626	3,467	29,367
COLUMN %	(100)	(100)	(100)	(100)	(100)

SOURCE: DEFENSE MANPOWER DATA CENTER, OCTOBER 1987

out of the military. The Hispanics and blacks who left the Navy, did so almost at equal proportions. Thirty-three percent of the Hispanics and 31 percent of the blacks separated from the Navy.

Out of all separations, 91 percent were men and 9 percent were women. The majority of these men and women separated from

the Navy. Forty-three percent of the males and 41 percent of the females were separated from the Navy.

Table 9 lists the proportions of Navy JROTC graduates within certain occupational areas as well as the non-occupational area. A non-occupational area includes patients and prisoners, students and trainees, and undesignated occupations. While the largest proportions, 24.48 percent, is in the non-occupational area, 19.56 percent is in the electrical/mechanical equipment repairs. Only 6.73 percent of the Navy JROTC graduates separated while in the electronics occupational area. This could be a signal to Navy JROTC program managers that there is a need to establish units with more technical courses.

TABLE 9

PERCENT OF NAVY JROTC GRADUATES SEPARATED FROM ACTIVE DUTY MILITARY SERVICE BY OCCUPATIONAL AREA, FISCAL YEARS 1977 - 1986

OCCUPATIONAL AREA	%
INFANTRY, GUN CREWS, AND SEAMANSHIP SPECIALISTS	15.1
ELECTRONIC EQUIPMENT REPAIRERS	6.7
COMMUNICATIONS AND INTELLIGENCE SPECIALISTS	8.4
MEDICAL AND DENTAL SPECIALISTS	4.1
OTHER TECHNICAL AND ALLIED SPECIALISTS	1.3
FUNCTIONAL SUPPORT AND ADMINISTRATION	9.1
ELECTRICAL/MECHANICAL EQUIPMENT REPAIRERS	19.6
CRAFTSMEN	3.2
SERVICE AND SUPPLY HANDLERS	8.0
NON-OCCUPATIONAL	24.5
TOTAL	100.0

SOURCE: DEFENSE MANPOWER DATA CENTER, OCTOBER 1987

IV. SUMMARY AND RECOMMENDATIONS

A. SUMMARY

It has been found that the Navy JROTC program falls short in one of it sgoals of providing the military with accessions in the area of active duty enlistments. It was also found that, while only 41 percent of Navy JROTC graduates enter the Navy, 32 percent enlist in the Army. Forth-eight percent of those JROTC graduates who enlist in the Navy were graduates of the Army JROTC program while only 27 percent were Navy JROTC graduates. While the Navy holds only a 16 percent share of the JROTC units, second only to the Marines in fewest units, it manages to attract a 23 percent share of the total, all services JROTC program graduates.

Depending on what variables are used when performing a cost-benefit analysis, different results can be obtained. The survey data presently used by Navy JROTC program managers may give misleading results to this type of analysis.

An analysis of Home of Record data files can be of some help to program managers as this research has proven. States than produce low accession figures can be used for identifying units with problems that might exist. Iowa and West Virginia, with two of the lowest accession figures, are possible examples of this. The data are invaluable to the

Navy JROTC program manager who must find ways to efficiently make budget cuts. States with accessions from other JROTC units into the Navy, such as Georgia and South Carolina might produce more Navy accessions if more Navy JROTC units are established in these states.

The analysis also produced evidence that the AFQT levels of Navy JROTC graduates were actually lower than the levels of other enlisted accessions.[11] Another alarming find was that 31 percent of those Navy JROTC graduates who had separated from the military, did so by failing to meet "minimum behavioral and performance criteria."

B. RECOMMENDATIONS

It is recommended that the methods of analysis used in this thesis be used by the Navy JROTC program managers for keeping track of Navy JROTC graduate accessions. By using these methods, a more accurate cost benefit analysis can be performed and performances of JROTC units can be more closely monitored. From the occupational area data analyzed, it seems more emphasis needs to be placed on technical careers. A better job of recruiting by Navy JROTC unit commanders also could help.

C. FUTURE RESEARCH

Possible future research could entail developing a questionnaire and having a survey taken of Navy JROTC graduates as to why they did or did not enlist in the branch

of service of their JROTC unit. A regression analysis could also be performed using the variables from the survey and determining an equation for predicting military accessions of Navy JROTC graduates.

A cost-benefit analysis between the Navy JROTC program and other types of programs (e.g., sea cadets) could be researched. A cost benefit analysis between the different recruiting programs and the Navy JROTC could also be done.

Research could be performed in the area of military performance. An analyst could compare the military performance records and characteristics of JROTC graduates (by and across services) with non-JROTC graduates. This could show that JROTC graduates are better performers. The results of this research could have a large effect on any cost-benefit analysis performed.

FILE FORMAT SHEET

FILE NAME: _____

RECORD LENGTH: 195

COLUMN	DESCRIPTION		COLUMN	DESCRIPTION	
1.			51.	BLOOD PRESSURE - DIASTOLIC	
2.			52.	MEDICAL	1
3.	SOCIAL SECURITY NUMBER		53.	FAILURE	2
4.			54.	CODES	3
5.	CENSUS	Region	55.	WAIVER	
6.		District	56.	WAIVER APPROVAL LEVEL	
7.	HOME OF	First 3 digits	57.	EXAMINATION STATUS	
8.	RECORD		58.	Y	
9.	ZIP CODE	Last 3 digits	59.	M DATE OF ENTRY	
10.	HOME OF RECORD		60.	D	
11.	Y DATE OF DETERMINATION		61.	TERM OF ENLISTMENT	
12.	M		62.	ENTRY PAY GRADE	
13.	Y		63.		
14.	M DATE OF BIRTH		64.	HOME OF RECORD COUNTY FIPS	
15.	D		65.		
16.	AGE AT ENTRY		66.	PROGRAM	
17.	RECORD IDENTIFICATION		67.	ENLISTED	
18.	HYEC		68.	FOR	
19.	SEX		69.		
20.	RACE		70.	RESERVED	
21.	ETHNIC		71.		
22.	RACE ETHNIC		72.	AFEES STATION/MEPS	
23.	MARITAL STATUS/DEPENDENTS		73.	BONUS OPTION	
24.	TEST FORM		74.	ENLISTMENT OPTION	
25.	AFQT PERCENTILE		75.	YOUTH PROGRAM	
26.	AFQT GROUPS		76.	RESERVED	
27.		1	77.	EDUCATION CERTIFICATE	
28.		2	78.	TAPE DATE MONTH	
29.		3	79.	ORIGINAL AFQT PERCENTILE	
30.		4	80.	ORIGINAL AFQT GROUPS	
31.		5	81.		
32.		6	82.	TRAINING/ENLISTMENT	
33.		7	83.	MOS/AFSC/RATING	
34.		8	84.		
35.		9	85.		
36.		10	86.	TAFMS	
37.		11	87.		1
38.		12	88.	DPOC	
39.	SERVICE OF ACCESSION		89.		1
40.	PRIOR SERVICE		90.	DDOC	
41.	PUL		91.		1
42.	HES		92.	HYEC	1
43.	APTITUDE	13	93.	PAYGRADE	1
44.	AREA	14	94.	SERVICE	1
45.	SCORES	15	95.	MARITAL STATUS	1
46.		16	96.	NUMBER OF DEPENDENTS	1
47.	ENTRY STATUS		97.		
48.	HEIGHT		98.	SPN/SPD	1
49.	WEIGHT		99.		
50.	BLOOD PRESSURE - SYSTOLIC		100.	ISC	1

FILE NAME: DMDC COHORT RECORD LENGTH: 195 FILE FORMAT CONT. SH

COLUMN	DESCRIPTION	
101.	Y	
102.	M DATE OF SEPARATION	
103.	D	
104.	Y	
105.	M BASD	
106.	D	
107.	Y ETS	
108.	M	
109.	Y DOLE	
110.	M	
111.	CHARACTER OF SERVICE	1
112.	ELIGIBILITY TO REENLIST	1
113.	Y	
114.	M PEBD	
115.	D	
116.	FILE FLAG	1
117.		
118.	TAFMS	2
119.		
120.	DPOC	2
121.		
122.	DDOC	2
123.		
124.	HYEC	2
125.	PAYGRADE	2
126.	SERVICE	2
127.	MARITAL STATUS	2
128.	NUMBER OF DEPENDENTS	2
129.		
130.	SPN/SPD	2
131.		
132.	ISC	
133.	Y	
134.	M DATE OF SEPARATION	2
135.	D	
136.		
137.	BASD	2
138.		
139.	Y ETS	2
140.	M	
141.	Y DOLE	2
142.	M	
143.	CHARACTER OF SERVICE	2
144.	ELIGIBILITY TO REENLIST	2
145.	Y	
146.	M PEBD	2
147.	D	
148.	FILE FLAG	2
149.		
50.	TAFMS	LOSS

COLUMN	DESCRIPTION	
151.	TAFMS	LOSS
152.	DPOC	
153.	FAILURE	LOSS
154.	DDOC	LOSS
155.		
156.	HYEC	LOSS
157.	PAYGRADE	LOSS
158.	SERVICE	LOSS
159.	MARITAL STATUS	LOSS
160.	DEPENDENTS	LOSS
161.		
162.	SPN/SPD	LOSS
163.		
164.	ISC	
165.	Y	
166.	M	LOSS
167.	D	
168.	Y	
169.	M BASD	LOSS
170.	D	
171.	Y	LOSS
172.	M ETS	
173.	Y	LOSS
174.	M DOLE	
175.	CHARACTER OF SERVICE	LOSS
176.	ELIGIBILITY TO REENLIST	LO
177.	Y	
178.	M PEBD	LOSS
179.	D	
180.	FILE FLAG	LOSS
181.		
182.		
183.	FILE MATCH	
184.	INDICATORS	
185.		
186.	DOE YEAR INTO D.E.P.	
187.	DOE MONTH INTO D.E.P.	
188.	MONTHS IN D.E.P.	
189.	SPANISH FLAG MASTER/LOSS	
190.	Y DCPG	
191.	M	
192.		
193.	BINARY ZEROS	
194.		
195.		
196.		
197.		
198.		
199.		
200.		

APPENDIX B

TABLE DEFINITION KEY

RACEETH

0 - Undefined
1 - White
2 - Black
3 - Hispanic
4 - American Indian/Alaskan Native
5 - Asian/Pacific Islander
6 - Other/Unknown

AFQT SCORE

0	- Undefined	
1	- (V)	1-9
2	- (IVc)	10-15
3	- (IVb)	16-20
4	- (IVa)	21-30
5	- (IIIB)	31-49
6	- (IIIa)	50-64
7	- (II)	65-92
8	- (I)	93-99

JROTC

10- JROTC - 3-yr program
11- Army JROTC - 3-yr program
12- Navy JROTC - 3-yr program
13- Air Force JROTC - 3-yr program
14- Marine Crops JROTC - 3-yr program
20- JROTC - 4-yr program
21- Army JROTC - 4-yr program
22- Navy JROTC - 4-yr program
23- Air Force JROTC - 4-yr program
24- Marine Crops JROTC - 4-yr program

TOE (Term of Enlistment)

YEARS

ENT PG (Entry Paygrade)

1 - E-1
2 - E-2
3 - E-3
4 - E-4
5 - E-5

SEX

1 = Male
2 = Female

SVC (Service)

1 - Army
2 - Navy
3 - Air Force
4 - Marine Corps
5 - Preinductee
8 - Navy

HYEC (Highest Year Education Completed)

2 - 8 years
3 - 1 Year High School
4 - 2 Years High School
5 - 3-4 Years High School (no diploma)
6 - High School Dilpoma
7 - 1 Year College
8 - 2 Years College
9 - 3-4 Years College (no degree)
10- College Graduate
13- High School G.E.D.

AGEENT (Age at Entry)

YEARS

APPENDIX B

HOR (HOME OF RECORD)

State Codes

Alabama	AL	01
Alaska	AK	02
American Somoa	AQ	03
Arizona	AZ	04
Arkansas	AR	05
California	CA	06
Canal Zone (obsolete)	PQ	07
Colorado	CO	08
Connecticut	CT	09
Delaware	DE	10
District of Columbia	DC	11
Florida	FL	12
Georgia	GA	13
Guam	GQ	14
Hawaii	HI	15
Idaho	ID	16
Illinois	IL	17
Indiana	IN	18
Iowa	IA	19
Kansas	KS	20
Kentucky	KY	21
Louisiana	LA	22

APPENDIX B

HOR (HOME OF RECORD) (CONTINUED)

State Codes		
Maine	ME	23
Maryland	MD	24
Massachusetts	MA	25
Michigan	MI	26
Minnesota	MN	27
Mississippi	MS	28
Missouri	MO	29
Montana	MT	30
Nebraska	NE(NB)	31
Nevada	NV	32
New Hampshire	NH	33
New Jersey	NJ	34
New Mexico	NM	35
New York	NY	36
North Carolina	NC	37
North Dakota	ND	38
Ohio	OH	39
Oklahoma	OK	40
Oregon	OR	41
Pennsylvania	OA	42
Puerto Rico	RQ	43
Rhode Island	RI	44

APPENDIX B

HOR (HOME OF RECORD) (CONTINUED)

State Codes

South Carolina	SC	45
South Dakota	SD	46
Tennessee	TN	47
Texas	TX	48
Utah	UT	49
Vermont	VT	50
Virginia	VA	51
Virgin Islands	VQ	52
Washington	WA	53
West Virginia	WV	54
Wisconsin	WI	55
Wyoming	WY	56

TABLE C-1

ALL SERVICES JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986, BY RACE/ETHNIC GROUP AND JROTC PROGRAM GRADUATED FROM

RACEETH	JROTC										
FREQUENCY PERCENT ROW PCT COL PCT	10	11	12	13	14	20	21	22	23	24	TOTAL
0	1 0.00 0.92 0.24	42 0.08 38.53 0.22	5 0.02 7.34 0.15	13 0.03 11.93 0.19	17 0.03 15.60 1.40	0 0.00 0.00 0.00	18 0.03 16.51 0.17	4 0.01 3.67 0.17	3 0.01 2.75 0.05	3 0.01 2.75 0.36	109 0.21
1	234 0.45 0.81 56.93	9068 17.53 31.38 45.36	3295 6.37 11.40 61.59	5951 7.64 13.67 57.96	758 1.47 2.62 62.54	92 0.18 0.32 65.71	5811 11.23 20.11 54.40	1533 2.96 5.30 65.39	3575 6.91 12.37 69.93	582 1.13 2.01 69.29	28899 55.86
2	66 0.13 0.59 10.71	4423 8.55 39.40 23.44	1061 2.11 9.27 19.49	1536 2.97 13.68 22.53	246 0.48 2.19 20.30	19 0.04 0.17 13.57	2472 4.78 22.02 23.14	472 0.91 4.20 20.44	836 1.62 7.45 16.35	137 0.26 1.22 16.31	11226 21.70
3	116 0.22 1.14 28.22	4730 9.24 46.95 25.33	830 1.70 8.54 15.48	1117 2.16 10.97 16.39	165 0.32 1.62 13.61	24 0.05 0.24 17.14	2123 4.10 20.85 19.87	255 0.49 2.50 11.06	623 1.23 6.09 12.13	101 0.20 0.99 12.32	10181 19.68
4	14 0.03 1.93 3.41	339 0.66 46.76 1.80	56 0.11 7.72 1.05	100 0.19 13.79 1.47	17 0.03 2.34 1.40	3 0.01 0.41 2.14	133 0.26 18.34 1.25	20 0.04 2.76 0.87	36 0.07 4.69 0.57	9 0.02 1.24 1.37	725 1.40
5	1 0.00 0.26 0.24	159 0.31 40.93 0.84	45 0.09 11.86 0.86	60 0.12 15.46 0.83	4 0.01 1.03 0.33	0 0.00 0.00 0.00	76 0.15 19.59 0.71	13 0.03 3.35 0.56	25 0.05 6.44 0.49	4 0.01 1.03 0.48	398 0.75
6	1 0.00 0.69 0.24	53 0.11 23.29 0.31	15 0.03 7.32 0.23	40 0.08 19.51 0.59	5 0.01 2.44 0.41	2 0.00 0.98 1.43	49 0.09 23.90 0.46	12 0.02 5.85 0.52	19 0.04 9.27 0.37	4 0.01 1.95 0.48	205 0.40
TOTAL	411 0.79	18869 36.47	5361 10.32	6817 13.18	1212 2.34	140 0.27	10582 20.65	2309 4.46	5112 9.88	840 1.62	51733 100.00

TABLE C-2

ALL SERVICES JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986, BY RACE/ETHNIC GROUP AND JROTC PROGRAM GRADUATED FROM

RACEETH	JROTC									
FREQUENCY PERCENT ROW PCT COL PCT	10	11	12	13	14	20	21	22	23	24
0	3 0.00 0.00 0.00	4 0.08 28.57 0.23	1 0.02 7.14 0.18	1 0.02 7.14 0.14	2 0.04 14.29 1.85	0 0.00 0.00 0.00	3 0.06 21.43 0.29	1 0.02 7.14 0.41	2 0.04 14.29 0.33	0 0.00 0.00 0.00
1	18 0.35 0.76 51.43	568 12.48 27.41 36.49	310 5.97 13.11 54.97	336 6.47 14.21 45.84	56 1.08 2.37 51.85	11 0.21 0.47 57.89	443 8.53 18.74 42.76	143 2.75 6.05 58.61	369 6.72 14.75 58.35	50 0.96 2.12 62.50
2	5 0.10 0.35 14.29	559 10.75 37.06 31.48	149 2.87 9.87 26.37	226 4.35 14.99 30.83	39 0.75 2.58 36.11	5 0.10 0.33 26.32	304 5.85 20.15 29.34	59 1.14 3.91 24.18	165 2.79 9.51 24.25	18 0.35 1.19 22.50
3	9 0.17 0.90 25.71	689 9.41 43.31 27.53	92 1.77 5.15 16.28	134 2.58 11.87 18.29	10 0.19 0.89 9.26	3 0.06 0.27 15.79	263 5.06 23.29 25.39	35 0.67 3.10 14.34	96 1.62 7.66 14.05	10 0.19 0.89 12.50
4	3 0.06 3.33 8.57	39 0.75 37.00 2.20	13 0.19 13.00 1.77	19 0.37 19.00 2.59	0 0.00 0.00 0.00	0 0.00 0.00 0.00	13 0.25 13.00 1.25	4 0.08 4.00 1.64	11 0.21 11.00 1.86	1 0.02 1.00 1.25
5	0 0.00 0.00 0.00	31 0.60 62.00 1.75	0 0.00 0.00 0.00	9 0.15 18.00 1.09	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6 0.12 12.00 0.58	1 0.02 2.00 0.41	3 0.06 6.00 0.50	1 0.02 2.00 1.25
6	0 0.00 0.00 0.00	6 0.12 21.43 0.34	3 0.06 10.71 0.53	9 0.17 32.14 1.23	1 0.02 3.57 0.93	0 0.00 0.00 0.00	4 0.08 14.29 0.39	1 0.02 3.57 0.41	4 0.08 14.29 0.67	0 0.00 0.00 0.00
TOTAL	35 0.67	1776 34.19	565 10.88	733 14.11	108 2.08	19 0.37	1036 19.95	244 4.70	599 11.53	80 1.54

TABLE C-3

ALL SERVICES JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986, BY RACE/ETHNIC GROUP AND BRANCH OF SERVICE ENLISTED INTO

RACEETH / SERVICE	ARMY	NAVY	USAF	USMC	TOTAL
0	49	23	9	23	109
	0.09	0.05	0.02	0.04	0.21
	44.95	25.69	8.26	21.10	
	0.21	0.23	0.09	0.37	
1	10970	7730	6826	3317	28899
	21.21	15.05	13.19	6.41	55.86
	37.96	26.94	23.62	11.43	
	46.36	64.49	68.13	53.17	
2	5904	2156	1523	1638	11226
	11.41	4.17	2.95	3.17	21.70
	52.59	19.21	13.61	14.59	
	25.22	17.86	15.26	26.26	
3	5320	1805	1475	1080	10131
	11.25	3.49	2.85	2.09	19.58
	57.17	17.73	14.50	10.61	
	24.36	14.95	14.74	17.31	
4	349	163	98	115	725
	0.67	0.32	0.19	0.22	1.40
	48.14	22.48	13.52	15.86	
	1.49	1.35	0.98	1.84	
5	202	106	41	39	333
	0.39	0.20	0.08	0.08	0.75
	52.06	27.32	10.57	10.05	
	0.86	0.88	0.41	0.63	
6	117	29	33	26	205
	0.23	0.06	0.06	0.05	0.40
	57.07	14.15	16.10	12.68	
	0.50	0.24	0.33	0.42	
TOTAL	23411	12073	10011	6233	51733
	45.25	23.34	19.35	12.06	100.00

TABLE C-4

ALL SERVICES JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986, BY RACE/ETHNIC GROUP AND BRANCH OF SERVICE ENLISTED INTO

RACEETH / SERVICE	ARMY	NAVY	USAF	USMC	TOTAL
0	10	1	1	2	14
	0.19	0.02	0.02	0.04	0.27
	71.43	7.14	7.14	14.29	
	0.37	0.10	0.09	0.58	
1	958	526	632	193	2364
	18.44	10.13	13.13	3.81	45.51
	40.52	22.25	23.35	8.33	
	35.65	52.31	53.59	57.06	
2	873	266	232	83	1509
	16.31	5.12	5.43	1.69	29.05
	57.85	17.63	18.69	5.83	
	32.49	26.71	24.23	25.36	
3	739	173	168	44	1129
	14.23	3.43	3.23	0.85	21.74
	65.46	15.77	14.83	3.90	
	27.50	17.87	14.43	12.68	
4	57	16	15	11	100
	1.10	0.31	0.31	0.21	1.93
	57.00	16.00	15.00	11.00	
	2.12	1.61	1.37	3.17	
5	35	4	8	3	50
	0.67	0.08	0.15	0.06	0.96
	70.00	8.00	16.00	6.00	
	1.30	0.40	0.69	0.86	
6	15	5	7	1	28
	0.29	0.10	0.13	0.02	0.54
	53.57	17.86	25.00	3.57	
	0.56	0.50	0.60	0.29	
TOTAL	2687	996	1164	347	5194
	51.73	19.18	22.41	6.68	100.00

TABLE C-5

ALL SERVICES JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986, BY JROTC PROGRAM GRADUATED FROM AND BRANCH OF SERVICE ENLISTED INTO

JROTC	SERVICE				
FREQUENCY PERCENT ROW PCT COL PCT	ARMY	NAVY	USAF	USMC	TOTAL
10	179 0.35 43.55 0.76	168 0.32 40.88 1.39	36 0.07 8.76 0.36	28 0.05 6.81 0.45	411 0.79
11	10949 21.16 59.63 46.77	4203 8.12 22.27 34.81	1523 2.94 8.07 15.21	2194 4.24 11.63 35.17	18869 36.47
12	1749 3.38 32.75 7.47	2530 4.89 47.31 21.37	174 0.34 3.26 1.74	838 1.62 15.69 13.43	5341 10.32
13	3264 6.31 47.89 13.94	2013 3.90 29.60 16.71	652 1.26 9.56 6.51	883 1.71 12.95 14.16	6817 13.18
14	344 0.66 28.38 1.47	313 0.61 25.83 2.59	71 0.14 5.86 0.71	484 0.94 39.93 7.76	1212 2.34
20	13 0.03 12.38 0.06	43 0.09 34.29 0.40	59 0.11 42.14 0.59	15 0.03 10.71 0.24	140 0.27
21	5050 9.76 47.83 21.57	1621 3.13 15.18 13.43	3032 5.86 28.33 30.29	979 1.89 9.16 15.69	10682 20.65
22	657 1.27 28.45 2.81	583 1.13 25.25 4.83	802 1.55 34.73 8.01	267 0.52 11.56 4.23	2309 4.46
23	976 1.89 19.09 4.17	434 0.84 8.49 3.59	3431 6.63 68.09 34.27	221 0.43 4.32 3.54	5112 9.88
24	225 0.43 26.79 0.96	105 0.20 12.50 0.87	131 0.25 21.55 1.31	329 0.64 39.17 5.27	840 1.62
TOTAL	23411 45.25	12073 23.34	10011 19.35	6233 12.06	51733 100.00

TABLE C-6

ALL SERVICES JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986, BY JROTC PROGRAM GRADUATED FROM AND BRANCH OF SERVICE ENLISTED INTO

JROTC / SERVICE	ARMY	NAVY	USAF	USMC	TOTAL
10	13	16	4	2	35
	0.25	0.31	0.08	0.04	0.67
	37.14	45.71	11.43	5.71	
	0.48	1.61	0.34	0.58	
11	1244	270	175	87	1776
	23.95	5.20	3.37	1.68	34.19
	70.05	15.20	9.85	4.90	
	46.30	27.11	15.03	25.07	
12	209	275	27	54	565
	4.02	5.29	0.52	1.04	10.88
	36.99	48.67	4.78	9.56	
	7.78	27.61	2.32	15.56	
13	404	199	79	51	733
	7.78	3.83	1.52	0.98	14.11
	55.12	27.15	10.78	6.96	
	15.04	19.98	6.79	14.70	
14	42	17	5	44	108
	0.81	0.33	0.10	0.85	2.08
	38.89	15.74	4.63	40.74	
	1.56	1.71	0.43	12.68	
20	8	3	8	0	19
	0.15	0.06	0.15	0.00	0.37
	42.11	15.79	42.11	0.00	
	0.30	0.30	0.69	0.00	
21	566	113	304	53	1036
	10.90	2.18	5.85	1.02	19.95
	54.63	10.91	29.34	5.12	
	21.06	11.35	26.12	15.27	
22	75	62	85	22	244
	1.44	1.19	1.64	0.42	4.70
	30.74	25.41	34.84	9.02	
	2.79	6.22	7.30	6.34	
23	104	37	444	13	598
	2.00	0.71	8.55	0.25	11.51
	17.39	6.19	74.25	2.17	
	3.87	3.71	38.14	3.75	
24	22	4	33	21	80
	0.42	0.08	0.64	0.40	1.54
	27.50	5.00	41.25	26.25	
	0.82	0.40	2.84	6.05	
TOTAL	2687	996	1164	347	5194
	51.73	19.18	22.41	6.68	100.00

TABLE C-7

ALL SERVICES JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986, BY AFQT CATEGORY AND BRANCH OF SERVICE ENLISTED INTO

AFQT	SERVICE				
FREQUENCY PERCENT ROW PCT COL PCT	ARMY	NAVY	USAF	USMC	TOTAL
0	446 0.86 33.58 1.91	203 0.39 15.29 1.68	601 1.16 45.26 6.00	78 0.15 5.87 1.25	1328 2.57
1	49 0.09 73.13 0.21	8 0.02 11.94 0.07	3 0.01 4.48 0.03	7 0.01 10.45 0.11	67 0.13
2	1493 2.90 81.73 6.40	199 0.38 10.85 1.65	12 0.02 0.65 0.12	124 0.24 6.76 1.99	1334 3.55
3	1746 3.38 67.49 7.46	553 1.07 21.33 4.58	56 0.11 2.16 0.56	232 0.45 8.97 3.72	2587 5.00
4	4363 8.44 56.12 18.66	1757 3.40 22.57 14.55	830 1.60 10.66 8.29	828 1.60 10.64 13.27	7733 15.04
5	7114 13.75 43.26 30.39	3591 6.94 21.84 29.74	3219 6.22 19.57 32.15	2521 4.87 15.33 40.41	16445 31.79
6	3391 6.55 39.91 14.43	2050 3.96 24.13 16.98	2005 3.88 23.60 20.03	1050 2.03 12.36 16.83	8496 16.42
7	4135 7.99 36.70 17.67	3110 6.01 27.60 25.76	2811 5.43 24.94 23.08	1212 2.34 10.76 19.43	11269 21.78
8	662 1.28 34.41 2.83	602 1.16 31.29 4.99	474 0.92 24.64 4.73	186 0.36 9.67 2.98	1924 3.72
TOTAL	23411 45.25	12073 23.34	10011 19.35	6238 12.06	51733 100.00

TABLE C-8

ALL SERVICES JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986, BY AFQT CATEGORY AND BRANCH OF SERVICE ENLISTED INTO

AFQT	SERVICE				
FREQUENCY PERCENT ROW PCT COL PCT	ARMY	NAVY	USAF	USMC	TOTAL
0	22 0.42 23.40 0.82	21 0.40 22.34 2.11	43 0.82 51.06 4.12	3 0.06 3.19 0.86	94 1.81
1	16 0.31 100.00 0.60	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	16 0.31
2	81 1.56 93.10 3.01	4 0.08 4.60 0.40	0 0.00 0.00 0.00	2 0.04 2.30 0.58	87 1.68
3	117 2.25 87.97 4.35	11 0.21 8.27 1.10	5 0.10 3.76 0.43	0 0.00 0.00 0.00	133 2.56
4	364 7.01 69.60 13.55	72 1.39 13.77 7.23	87 1.68 16.63 7.47	0 0.00 0.00 0.00	523 10.07
5	1021 19.66 52.71 38.00	446 8.59 23.03 44.78	410 7.89 21.17 35.22	60 1.16 3.10 17.29	1937 37.29
6	587 11.30 47.34 21.85	199 3.83 16.05 19.98	306 5.89 24.68 26.29	148 2.85 11.94 42.65	1240 23.87
7	450 8.66 42.37 16.75	220 4.24 20.72 22.09	277 5.33 26.08 23.80	115 2.21 10.83 33.14	1062 20.45
8	29 0.56 28.43 1.08	23 0.44 22.55 2.31	31 0.60 30.39 2.66	19 0.37 18.63 5.48	102 1.96
TOTAL	2687 51.73	996 19.18	1164 22.41	347 6.68	5194 100.00

TABLE D-1

NAVY JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986, BY RACE/ETHNIC GROUP AND JROTC PROGRAM GRADUATED FROM

RACEETH	JROTC		
FREQUENCY PERCENT ROW PCT COL PCT	12	22	TOTAL
0	8 0.10 66.67 0.15	4 0.05 33.33 0.17	12 0.16
1	3295 43.07 68.25 61.69	1533 20.04 31.75 66.39	4828 63.11
2	1041 13.61 68.80 19.49	472 6.17 31.20 20.44	1513 19.78
3	830 11.50 77.53 15.48	255 3.33 22.47 11.04	1135 14.84
4	56 0.73 73.68 1.05	20 0.26 26.32 0.87	76 0.99
5	46 0.60 77.97 0.86	13 0.17 22.03 0.55	59 0.77
6	15 0.20 55.56 0.28	12 0.16 44.44 0.52	27 0.35
TOTAL	5341 69.82	2309 30.18	7650 100.00

TABLE D-2

NAVY JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986,
BY RACE/ETHNIC GROUP AND
JROTC PROGRAM GRADUATED FROM

RACEETH	JROTC		
FREQUENCY PERCENT ROW PCT COL PCT	12	22	TOTAL
0	1 0.12 50.00 0.13	1 0.12 50.00 0.41	2 0.25
1	310 38.32 68.43 54.87	143 17.68 31.57 58.61	453 56.00
2	149 18.42 71.63 26.37	59 7.29 28.37 24.18	208 25.71
3	92 11.37 72.44 16.28	35 4.33 27.56 14.34	127 15.70
4	10 1.24 71.43 1.77	4 0.49 28.57 1.64	14 1.73
5	0 0.00 0.00 0.00	1 0.12 100.00 0.41	1 0.12
6	3 0.37 75.00 0.53	1 0.12 25.00 0.41	4 0.49
TOTAL	565 69.84	244 30.16	809 100.00

TABLE D-3

NAVY JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986,
BY RACE/ETHNIC GROUP AND
BRANCH OF SERVICE ENLISTED INTO

RACEETH	SERVICE				
FREQUENCY PERCENT ROW PCT COL PCT	ARMY	NAVY	USAF	USMC	TOTAL
0	0 0.00 0.00 0.00	8 0.10 66.67 0.25	2 0.03 16.67 0.20	2 0.03 16.67 0.18	12 0.16
1	1264 16.52 26.18 52.54	2227 29.11 46.13 70.41	704 9.20 14.58 72.13	633 8.27 13.11 57.29	4828 63.11
2	613 8.01 40.45 25.69	464 6.07 30.67 14.67	143 1.87 9.45 14.65	293 3.76 19.04 26.06	1513 19.78
3	435 6.34 42.73 20.16	371 4.85 32.69 11.73	114 1.49 10.04 11.68	165 2.16 14.54 14.93	1135 14.84
4	16 0.21 21.05 0.67	44 0.58 57.89 1.39	9 0.10 10.53 0.92	8 0.10 10.53 0.72	76 0.99
5	16 0.21 27.12 0.67	38 0.50 64.41 1.20	2 0.03 3.39 0.20	3 0.04 5.08 0.27	59 0.77
6	7 0.09 25.93 0.29	11 0.14 40.74 0.35	3 0.04 11.11 0.31	6 0.08 22.22 0.54	27 0.35
TOTAL	2406 31.45	3163 41.35	976 12.75	1105 14.44	7650 100.00

TABLE D-4

NAVY JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986, BY RACE/ETHNIC GROUP AND BRANCH OF SERVICE ENLISTED INTO

RACEETH / SERVICE	ARMY	NAVY	USAF	USMC	TOTAL
0	2	0	0	0	2
	0.25	0.00	0.00	0.00	0.25
	100.00	0.00	0.00	0.00	
	0.70	0.00	0.00	0.00	
1	126	208	74	45	453
	15.57	25.71	9.15	5.56	56.00
	27.81	45.92	16.34	9.93	
	44.37	61.72	66.07	59.21	
2	92	73	24	19	208
	11.37	9.02	2.97	2.35	25.71
	44.23	35.10	11.54	9.13	
	32.39	21.66	21.43	25.00	
3	62	44	13	8	127
	7.66	5.44	1.61	0.99	15.70
	48.82	34.65	10.24	6.30	
	21.83	13.06	11.61	10.53	
4	2	8	0	4	14
	0.25	0.99	0.00	0.49	1.73
	14.29	57.14	0.00	28.57	
	0.70	2.37	0.00	5.26	
5	0	0	1	0	1
	0.00	0.00	0.12	0.00	0.12
	0.00	0.00	100.00	0.00	
	0.00	0.00	0.89	0.00	
6	0	4	0	0	4
	0.00	0.49	0.00	0.00	0.49
	0.00	100.00	0.00	0.00	
	0.00	1.19	0.00	0.00	
TOTAL	234	337	112	76	809
	35.11	41.66	13.84	9.39	100.00

TABLE D-5

NAVY JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986,
BY JROTC PROGRAM GRADUATED FROM AND
BRANCH OF SERVICE ENLISTED INTO

JROTC	SERVICE				
FREQUENCY PERCENT ROW PCT COL PCT	ARMY	NAVY	USAF	USMC	TOTAL
12	1749 22.85 32.75 72.69	2580 33.73 48.31 81.57	174 2.27 3.26 17.83	838 10.95 15.69 75.84	5341 69.82
22	657 8.59 23.45 27.31	583 7.62 25.25 18.43	802 10.48 34.73 82.17	267 3.49 11.56 24.16	2309 30.18
TOTAL	2406 31.45	3163 41.35	976 12.76	1105 14.44	7650 100.00

TABLE D-6

NAVY JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986,
BY JROTC PROGRAM GRADUATED FROM AND
BRANCH OF SERVICE ENLISTED INTO

JROTC	SERVICE				
FREQUENCY PERCENT ROW PCT COL PCT	ARMY	NAVY	USAF	USMC	TOTAL
12	209 25.83 36.99 73.59	275 33.99 48.67 81.60	27 3.34 4.78 24.11	54 6.67 9.56 71.05	565 69.84
22	75 9.27 30.74 26.41	62 7.66 25.41 18.40	35 10.51 34.84 75.89	22 2.72 9.02 28.95	244 30.16
TOTAL	284 35.11	337 41.66	112 13.84	76 9.39	809 100.00

TABLE D-7

NAVY JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986,
BY AFQT CATEGORY AND
BRANCH OF SERVICE ENLISTED INTO

AFQT	SERVICE				
FREQUENCY PERCENT ROW PCT COL PCT	ARMY	NAVY	USAF	USMC	TOTAL
0	43 0.56 23.50 1.79	66 0.86 36.07 2.09	52 0.81 33.88 5.35	12 0.16 6.56 1.09	183 2.39
1	3 0.04 42.86 0.12	2 0.03 28.57 0.06	1 0.01 14.29 0.10	1 0.01 14.29 0.09	7 0.09
2	151 1.97 68.95 6.28	47 0.61 21.46 1.49	1 0.01 0.46 0.10	20 0.26 9.13 1.81	219 2.86
3	157 2.05 49.06 6.53	120 1.57 37.50 3.79	13 0.17 4.06 1.33	30 0.39 9.33 2.71	320 4.18
4	408 5.33 40.20 16.96	405 5.29 39.90 12.80	71 0.93 7.00 7.27	131 1.71 12.91 11.86	1015 13.27
5	740 9.67 31.22 30.76	903 11.80 38.10 28.55	283 3.70 11.94 29.00	444 5.80 18.73 40.18	2370 30.98
6	364 4.75 26.82 15.13	577 7.54 42.52 18.24	198 2.59 14.59 20.29	218 2.85 16.06 19.73	1357 17.74
7	460 6.01 24.77 19.12	878 11.48 47.28 27.76	297 3.88 15.99 30.43	222 2.90 11.95 20.09	1857 24.27
8	80 1.05 24.84 3.33	165 2.16 51.24 5.22	50 0.65 15.53 5.12	27 0.35 8.39 2.44	322 4.21
TOTAL	2406 31.45	3163 41.35	976 12.75	1105 14.44	7650 100.00

TABLE D-8

NAVY JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986, BY AFQT CATEGORY AND BRANCH OF SERVICE ENLISTED INTO

AFQT	SERVICE				
FREQUENCY PERCENT ROW PCT COL PCT	ARMY	NAVY	USAF	USMC	TOTAL
0	5 0.62 21.74 1.76	13 1.61 56.52 3.86	5 0.62 21.74 4.46	0 0.00 0.00 0.00	23 2.84
1	1 0.12 100.00 0.35	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.12
2	7 0.87 100.00 2.46	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7 0.87
3	8 0.99 66.67 2.82	4 0.49 33.33 1.19	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12 1.48
4	26 3.21 44.07 9.15	25 3.09 42.37 7.42	8 0.99 13.56 7.14	0 0.00 0.00 0.00	59 7.29
5	99 12.24 37.22 34.86	124 15.33 46.62 36.80	27 3.34 10.15 24.11	16 1.98 6.02 21.05	266 32.88
6	71 8.78 33.02 25.00	76 9.27 34.88 22.26	37 4.57 17.21 33.04	32 3.96 14.88 42.11	215 26.58
7	61 7.54 30.05 21.48	37 10.75 42.86 25.82	30 3.71 14.78 26.79	25 3.09 12.32 32.89	203 25.09
8	6 0.74 26.09 2.11	9 1.11 39.13 2.67	5 0.62 21.74 4.46	3 0.37 13.04 3.95	23 2.84
TOTAL	284 35.11	337 41.66	112 13.34	76 9.39	809 100.00

TABLE E-1

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY BRANCH OF SERVICE ENLISTED INTO AND JROTC PROGRAM GRADUATED FROM

SERVICE / JROTC	10	11	12	13	14	20	21	22	23	24	TOTAL
ARMY	6	1376	225	658	60	6	732	134	199	60	3238
	0.12	21.54	3.49	7.10	0.93	0.09	11.35	2.08	3.09	0.62	50.21
	0.25	42.50	6.95	14.14	1.85	0.19	22.61	4.14	6.15	1.24	
	18.50	62.52	35.77	49.30	38.71	22.22	53.98	63.35	31.14	28.99	
NAVY	27	678	296	260	33	8	205	82	59	15	1663
	0.42	7.61	4.59	4.03	0.51	0.12	3.18	1.27	0.91	0.23	22.69
	1.95	32.67	20.33	17.77	2.26	0.55	14.01	5.60	4.03	1.03	
	52.79	21.72	47.06	27.99	21.29	29.63	15.12	24.70	9.23	10.87	
USAF	4	133	22	95	9	11	283	70	346	23	996
	0.06	2.06	0.34	1.47	0.14	0.17	4.39	1.09	5.37	0.36	15.44
	0.43	13.35	2.21	9.54	0.90	1.10	28.41	7.03	34.76	2.31	
	9.30	6.04	3.50	10.23	5.81	40.74	20.87	21.08	54.15	16.67	
USMC	4	214	36	116	53	2	136	46	35	60	752
	0.06	3.32	1.33	1.80	0.82	0.03	2.11	0.71	0.54	0.93	11.66
	0.53	28.46	11.64	15.43	7.05	0.27	18.09	5.12	4.65	7.98	
	9.30	9.72	13.57	12.49	34.19	7.41	10.03	13.36	5.48	43.48	
TOTAL	43	2201	629	929	155	27	1356	332	639	138	6449
	0.67	34.13	9.75	14.41	2.40	0.42	21.03	5.15	9.91	2.14	100.00

TABLE E-2

TERM OF ENLISTMENT FOR ALL SERVICES JROTC
GRADUATES FOR FISCAL YEAR 1986

TOE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
1	3	0.0	3	0.0
2	186	2.9	189	2.9
3	1939	30.1	2128	33.0
4	3910	60.6	6038	93.6
5	20	0.3	6058	93.9
6	166	2.6	6224	96.5
8	225	3.5	6449	100.0

TABLE E-3

ENTERING PAYGRADE FOR ALL SERVICES JROTC GRADUATES
FOR FISCAL YEAR 1986

ENT_PG	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
1	709	11.0	709	11.0
2	1751	27.2	2460	38.1
3	3967	61.5	6427	99.7
4	18	0.3	6445	99.9
5	4	0.1	6449	100.0

TABLE E-4

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY SEX AND BRANCH OF SERVICE ENLISTED INTO

SEX	SERVICE				
FREQUENCY PERCENT ROW PCT COL PCT	ARMY	NAVY	USAF	USMC	TOTAL
1	2898 44.94 49.85 89.50	1333 20.67 22.93 91.11	866 13.43 14.90 86.95	717 11.12 12.33 95.35	5814 90.15
2	340 5.27 53.54 10.50	130 2.02 20.47 8.89	130 2.02 20.47 13.05	35 0.54 5.51 4.65	635 9.85
TOTAL	3238 50.21	1463 22.69	996 15.44	752 11.66	6449 100.00

TABLE E-5

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY RACE/ETHNIC GROUP AND BRANCH OF SERVICE ENLISTED INTO

RACEETH SERVICE

FREQUENCY / PERCENT / ROW PCT / COL PCT	ARMY	NAVY	USAF	USMC	TOTAL
1	1553 24.08 45.96 47.96	821 12.73 24.30 56.12	609 9.44 18.02 61.14	396 6.14 11.72 52.66	3379 52.40
2	1437 22.28 56.24 44.38	519 8.05 20.31 35.48	333 5.16 13.03 33.43	266 4.12 10.41 35.37	2555 39.62
3	132 2.05 42.86 4.08	86 1.33 27.92 5.88	25 0.39 8.12 2.51	65 1.01 21.10 8.64	308 4.78
4	15 0.23 50.00 0.46	9 0.14 30.00 0.62	2 0.03 6.67 0.20	4 0.06 13.33 0.53	30 0.47
5	72 1.12 62.61 2.22	22 0.34 19.13 1.50	14 0.22 12.17 1.41	7 0.11 6.09 0.93	115 1.78
6	29 0.45 46.77 0.90	6 0.09 9.68 0.41	13 0.20 20.97 1.31	14 0.22 22.58 1.86	62 0.96
TOTAL	3238 50.21	1463 22.69	996 15.44	752 11.66	6449 100.00

TABLE E-6

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY RACE/ETHNIC GROUP AND AFQT CATEGORY

RACEETH / AFQT	0	3	4	5	6	7	8	TOTAL
1	5	0	101	949	891	1282	161	3379
	0.08	0.00	1.57	14.72	13.66	19.88	2.50	52.40
	0.15	0.00	2.99	28.09	26.07	37.94	4.76	
	71.43	0.00	27.82	35.54	57.62	75.46	89.94	
2	1	1	235	1499	520	293	6	2555
	0.02	0.02	3.64	23.24	8.06	4.54	0.09	39.62
	0.04	0.04	9.20	58.67	20.35	11.47	0.23	
	14.29	50.00	64.74	56.14	34.01	17.25	3.35	
3	1	0	17	134	75	75	6	308
	0.02	0.00	0.26	2.08	1.16	1.16	0.09	4.78
	0.32	0.00	5.52	43.51	24.35	24.35	1.95	
	14.29	0.00	4.68	5.02	4.91	4.41	3.35	
4	0	0	2	12	8	7	1	30
	0.00	0.00	0.03	0.19	0.12	0.11	0.02	0.47
	0.00	0.00	6.67	40.00	26.67	23.33	3.33	
	0.00	0.00	0.55	0.45	0.52	0.41	0.56	
5	0	1	7	42	30	31	4	115
	0.00	0.02	0.11	0.65	0.47	0.48	0.06	1.78
	0.00	0.87	6.09	36.52	26.09	26.96	3.48	
	0.00	50.00	1.93	1.57	1.96	1.82	2.23	
6	0	0	1	34	15	11	1	62
	0.00	0.00	0.02	0.53	0.23	0.17	0.02	0.96
	0.00	0.00	1.61	54.84	24.19	17.74	1.61	
	0.00	0.00	0.28	1.27	0.98	0.65	0.56	
TOTAL	7	2	363	2670	1529	1699	179	6449
	0.11	0.03	5.63	41.40	23.71	26.35	2.78	100.00

TABLE E-7

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY SEX AND AFQT CATEGORY

SEX	AFQT							
FREQUENCY PERCENT ROW PCT COL PCT	0	3	4	5	6	7	8	TOTAL
1	6 0.09 0.10 85.71	2 0.03 0.03 100.00	360 5.58 6.19 99.17	2449 37.97 42.12 91.72	1311 20.33 22.55 85.74	1519 23.55 26.13 89.41	167 2.59 2.87 93.30	5814 90.15
2	1 0.02 0.16 14.29	0 0.00 0.00 0.00	3 0.05 0.47 0.83	221 3.43 34.30 8.28	218 3.33 34.33 14.26	180 2.79 28.35 10.59	12 0.19 1.89 6.70	635 9.85
TOTAL	7 0.11	2 0.03	363 5.63	2670 41.40	1529 23.71	1699 26.35	179 2.78	6449 100.00

TABLE E-8

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY SEX AND RACE/ETHNIC GROUP

SEX	RACEETH						
FREQUENCY PERCENT ROW PCT COL PCT	1	2	3	4	5	6	TOTAL
1	3126 48.47 53.77 92.51	2233 34.63 38.41 87.40	279 4.33 4.80 90.58	26 0.40 0.45 86.67	95 1.47 1.63 82.61	55 0.85 0.95 88.71	5814 90.15
2	253 3.92 39.84 7.49	322 4.99 50.71 12.60	29 0.45 4.57 9.42	4 0.06 0.63 13.33	20 0.31 3.15 17.39	7 0.11 1.10 11.29	635 9.85
TOTAL	3379 52.40	2555 39.62	308 4.78	30 0.47	115 1.78	62 0.96	6449 100.00

TABLE E-9

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY HIGHEST YEAR OF EDUCATION COMPLETED AND BRANCH OF SERVICE ENLISTED INTO

HYEC / SERVICE	ARMY	NAVY	USAF	USMC	TOTAL
2	0 0.00 0.00 0.00	1 0.02 100.00 0.07	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.02
3	2 0.03 16.67 0.06	10 0.16 83.33 0.68	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12 0.19
4	21 0.33 51.22 0.65	18 0.28 43.90 1.23	0 0.00 0.00 0.00	2 0.03 4.88 0.27	41 0.64
5	42 0.65 47.19 1.30	39 0.60 43.82 2.67	1 0.02 1.12 0.10	7 0.11 7.87 0.93	89 1.38
6	3062 47.43 50.92 94.56	1291 20.02 21.47 88.24	936 14.51 15.57 93.98	724 11.23 12.04 96.28	6013 93.24
7	35 0.54 36.08 1.08	24 0.37 24.74 1.64	26 0.40 26.80 2.61	12 0.19 12.37 1.60	97 1.50
8	22 0.34 40.00 0.68	16 0.25 29.09 1.09	17 0.26 30.91 1.71	0 0.00 0.00 0.00	55 0.85
9	8 0.12 40.00 0.25	6 0.09 30.00 0.41	3 0.05 15.00 0.30	3 0.05 15.00 0.40	20 0.31
10	14 0.22 40.00 0.43	8 0.12 22.86 0.55	9 0.14 25.71 0.90	4 0.06 11.43 0.53	35 0.54
13	32 0.50 37.21 0.99	50 0.78 58.14 3.42	4 0.06 4.65 0.40	0 0.00 0.00 0.00	86 1.33
TOTAL	3238 50.21	1463 22.69	996 15.44	752 11.66	6449 100.00

TABLE E-10

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY HIGHEST YEAR OF EDUCATION COMPLETED AND RACE/ETHNIC GROUP

HYEC / RACEETH	1	2	3	4	5	6	TOTAL
2	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.02 100.00 0.32	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.02
3	7 0.11 58.33 0.21	4 0.06 33.33 0.16	1 0.02 8.33 0.32	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12 0.19
4	38 0.59 92.68 1.12	2 0.03 4.88 0.08	1 0.02 2.44 0.32	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	41 0.64
5	64 0.99 71.91 1.39	18 0.28 20.22 0.70	7 0.11 7.87 2.27	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	89 1.38
6	3078 47.73 51.19 91.09	2455 38.07 40.83 96.09	279 4.33 4.64 90.58	30 0.47 0.50 100.00	112 1.74 1.86 97.39	59 0.91 0.98 95.16	6013 93.24
7	60 0.93 61.86 1.78	35 0.54 36.08 1.37	1 0.02 1.03 0.32	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.02 1.03 1.61	97 1.50
8	33 0.51 60.00 0.98	14 0.22 25.45 0.55	6 0.09 10.91 1.95	0 0.00 0.00 0.00	1 0.02 1.82 0.87	1 0.02 1.82 1.61	55 0.85
9	12 0.19 60.00 0.36	8 0.12 40.00 0.31	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	20 0.31
10	22 0.34 62.86 0.65	9 0.14 25.71 0.35	4 0.06 11.43 1.30	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	35 0.54
13	65 1.01 75.58 1.92	10 0.16 11.63 0.39	8 0.12 9.30 2.60	0 0.00 0.00 0.00	2 0.03 2.33 1.74	1 0.02 1.16 1.61	86 1.33
TOTAL	3379 52.40	2555 39.62	308 4.78	30 0.47	115 1.78	62 0.96	6449 100.00

TABLE E-11

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY HIGHEST YEAR OF EDUCATION COMPLETED AND SEX

HYEC / SEX FREQUENCY PERCENT ROW PCT COL PCT	1	2	TOTAL
2	1 0.02 100.00 0.02	0 0.00 0.00 0.00	1 0.02
3	12 0.19 100.00 0.21	0 0.00 0.00 0.00	12 0.19
4	41 0.64 100.00 0.71	0 0.00 0.00 0.00	41 0.64
5	89 1.38 100.00 1.53	0 0.00 0.00 0.00	89 1.38
6	5405 83.81 89.89 92.97	608 9.43 10.11 95.75	6013 93.24
7	84 1.30 86.60 1.44	13 0.20 13.40 2.05	97 1.50
8	48 0.74 87.27 0.83	7 0.11 12.73 1.10	55 0.85
9	18 0.28 90.00 0.31	2 0.03 10.00 0.31	20 0.31
10	31 0.48 88.57 0.53	4 0.06 11.43 0.63	35 0.54
13	85 1.32 98.84 1.46	1 0.02 1.16 0.16	86 1.33
TOTAL	5814 90.15	635 9.85	6449 100.00

TABLE E-12

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY AGE AT ENTRY INTO THE MILITARY AND BRANCH OF SERVICE ENLISTED INTO

AGEENT / SERVICE	ARMY	NAVY	USAF	USMC	TOTAL
17	312	140	75	68	595
	4.84	2.17	1.16	1.05	9.23
	52.44	23.53	12.61	11.43	
	9.64	9.57	7.53	9.04	
18	1463	621	415	415	2914
	22.69	9.63	6.44	6.44	45.19
	50.21	21.31	14.24	14.24	
	45.13	42.45	41.67	55.19	
19	723	303	216	156	1403
	11.29	4.70	3.35	2.42	21.76
	51.89	21.60	15.40	11.12	
	22.48	20.71	21.69	20.74	
20	332	164	115	54	665
	5.15	2.54	1.78	0.84	10.31
	49.92	24.66	17.29	8.12	
	10.25	11.21	11.55	7.18	
21	163	78	70	26	337
	2.53	1.21	1.09	0.40	5.23
	48.37	23.15	20.77	7.72	
	5.03	5.33	7.03	3.46	
22	240	157	105	33	535
	3.72	2.43	1.63	0.51	8.30
	44.86	29.35	19.63	6.17	
	7.41	10.73	10.54	4.39	
TOTAL	3238	1463	996	752	6449
	50.21	22.69	15.44	11.66	100.00

TABLE E-13

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY AGE AT ENTRY INTO THE MILITARY AND
RACE/ETHNIC GROUP

AGEENT / RACEETH	1	2	3	4	5	6	TOTAL
17	327	227	23	2	10	6	595
	5.07	3.52	0.36	0.03	0.16	0.09	9.23
	54.96	38.15	3.87	0.34	1.68	1.01	
	9.68	8.88	7.47	6.57	8.70	9.68	
18	1522	1163	139	19	51	20	2914
	23.60	18.03	2.16	0.29	0.79	0.31	45.19
	52.23	39.91	4.77	0.65	1.75	0.69	
	45.04	45.52	45.13	63.33	44.35	32.26	
19	695	592	67	5	27	17	1403
	10.78	9.18	1.04	0.08	0.42	0.26	21.76
	49.54	42.20	4.78	0.36	1.92	1.21	
	20.57	23.17	21.75	16.67	23.48	27.42	
20	338	271	37	1	9	9	665
	5.24	4.20	0.57	0.02	0.14	0.14	10.31
	50.83	40.75	5.56	0.15	1.35	1.35	
	10.00	10.61	12.01	3.33	7.83	14.52	
21	171	133	14	2	11	6	337
	2.65	2.06	0.22	0.03	0.17	0.09	5.23
	50.74	39.47	4.15	0.59	3.26	1.78	
	5.06	5.21	4.55	6.67	9.57	9.68	
22	326	169	28	1	7	4	535
	5.06	2.62	0.43	0.02	0.11	0.06	8.30
	60.93	31.59	5.23	0.19	1.31	0.75	
	9.65	6.61	9.09	3.33	6.09	6.45	
TOTAL	3379	2555	308	30	115	62	6449
	52.40	39.62	4.78	0.47	1.78	0.96	100.00

TABLE E-14

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY AGE AT ENTRY INTO THE MILITARY AND SEX

AGEENT / SEX	1	2	TOTAL
17	543	52	595
	8.42	0.81	9.23
	91.26	8.74	
	9.34	8.19	
18	2638	276	2914
	40.91	4.28	45.19
	90.53	9.47	
	45.37	43.46	
19	1261	142	1403
	19.55	2.20	21.76
	89.88	10.12	
	21.69	22.36	
20	601	64	665
	9.32	0.99	10.31
	90.38	9.62	
	10.34	10.08	
21	298	39	337
	4.62	0.60	5.23
	88.43	11.57	
	5.13	6.14	
22	473	62	535
	7.33	0.96	8.30
	88.41	11.59	
	8.14	9.76	
TOTAL	5814	635	6449
	90.15	9.85	100.00

TABLE E-15

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY HOME OF RECORD AND JROTC PROGRAM GRADUATED FROM

HOR / JROTC FREQUENCY PERCENT ROW PCT COL PCT	10	11	12	13	14	20	21	22	23	24	TOTAL
0	0 0.00 0.00 0.00	6 0.09 50.00 0.27	0 0.00 0.00 0.00	2 0.03 16.67 0.22	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.05 25.00 0.22	0 0.00 0.00 0.00	1 0.02 8.33 0.16	0 0.00 0.00 0.00	12 0.19
1	2 0.03 0.58 4.65	167 2.59 48.55 7.59	17 0.26 4.94 2.70	20 0.31 5.81 2.15	11 0.17 3.20 7.10	3 0.05 0.87 11.11	99 1.53 28.78 8.56	2 0.03 0.58 3.60	26 0.40 7.56 4.07	7 0.11 2.03 5.07	344 5.33
2	0 0.00 0.00 0.00	4 0.06 44.44 0.18	1 0.02 11.11 0.16	2 0.03 22.22 0.22	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.02 11.11 0.30	1 0.02 11.11 0.16	0 0.00 0.00 0.00	9 0.14
3	0 0.00 0.00 0.00	5 0.08 62.50 0.23	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.05 37.50 0.22	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8 0.12
4	1 0.02 0.83 2.33	35 0.54 28.93 1.59	7 0.11 5.79 1.11	20 0.31 16.53 2.15	6 0.09 4.96 3.87	0 0.00 0.00 0.00	29 0.45 23.97 2.14	5 0.08 4.13 1.51	13 0.20 10.74 2.03	5 0.08 4.13 3.62	121 1.88
5	2 0.03 1.85 4.65	29 0.45 26.85 1.32	9 0.14 8.33 1.43	25 0.39 23.15 2.69	1 0.02 0.93 0.65	1 0.02 0.93 3.70	19 0.29 17.59 1.40	3 0.05 2.78 3.90	18 0.28 16.67 2.82	1 0.02 0.93 0.72	108 1.67
6	1 0.02 0.56 2.33	59 0.91 33.15 2.68	32 0.50 17.98 5.09	35 0.54 19.66 3.77	5 0.08 2.81 3.23	0 0.00 0.00 0.00	25 0.39 14.04 1.84	8 0.12 4.49 2.41	8 0.12 4.49 1.25	5 0.08 2.81 3.62	178 2.76
8	1 0.02 1.35 2.33	32 0.50 43.24 1.45	0 0.00 0.00 0.00	6 0.09 8.11 0.65	1 0.02 1.35 0.65	2 0.03 2.70 7.41	26 0.40 35.14 1.92	0 0.00 0.00 0.00	6 0.09 8.11 0.94	0 0.00 0.00 0.00	74 1.15
9	0 0.00 0.00 0.00	1 0.02 14.29 0.05	0 0.00 0.00 0.00	2 0.03 28.57 0.22	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.02 14.29 0.07	0 0.00 0.00 0.00	3 0.05 42.86 0.47	0 0.00 0.00 0.00	7 0.11
10	0 0.00 0.00 0.00	1 0.02 9.09 0.05	1 0.02 9.09 0.16	7 0.11 63.64 0.75	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.02 9.09 0.07	0 0.00 0.00 0.00	1 0.02 9.09 0.16	0 0.00 0.00 0.00	11 0.17
11	2 0.03 5.88 4.65	17 0.26 50.00 0.77	4 0.06 11.76 0.64	7 0.11 20.59 0.75	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.02 2.94 0.07	0 0.00 0.00 0.00	3 0.05 8.82 0.47	0 0.00 0.00 0.00	34 0.53
12	2 0.03 0.24 4.65	224 3.47 26.54 10.18	98 1.52 11.61 15.56	147 2.28 17.42 15.82	65 0.70 5.33 29.03	1 0.02 0.12 3.70	153 2.37 18.13 11.28	55 0.85 6.52 13.57	100 1.55 11.85 15.65	19 0.29 2.25 13.77	844 13.09
TOTAL	43 0.67	2201 34.13	629 9.75	929 14.41	155 2.40	27 0.42	1356 21.03	332 5.15	639 9.91	138 2.14	6449 100.00

(CONTINUED)

TABLE E-15 (CONTINUED)

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY HOME OF RECORD AND JROTC PROGRAM GRADUATED FROM

HOR / JROTC	10	11	12	13	14	20	21	22	23	24	TOTAL
13	0	236	37	57	5	0	87	15	33	2	470
	0.00	3.63	0.57	0.88	0.08	0.00	1.35	0.23	0.51	0.03	7.29
	0.00	49.79	7.87	12.13	1.06	0.00	18.51	3.19	7.02	0.43	
	0.00	10.63	5.38	6.14	3.23	0.00	6.42	6.52	5.16	1.45	
14	1	20	5	6	0	0	7	5	2	0	46
	0.02	0.31	0.08	0.09	0.00	0.00	0.11	0.08	0.03	0.00	0.71
	2.17	43.48	10.87	13.04	0.00	0.00	15.22	10.87	4.35	0.00	
	2.33	0.91	0.79	0.65	0.00	0.00	0.52	1.51	0.31	0.00	
15	0	17	5	1	0	1	5	1	0	0	30
	0.00	0.26	0.08	0.02	0.00	0.02	0.08	0.02	0.00	0.00	0.47
	0.00	56.67	16.67	3.33	0.00	3.33	16.67	3.33	0.00	0.00	
	0.00	0.77	0.79	0.11	0.00	3.70	0.37	0.30	0.00	0.00	
16	0	5	3	0	6	0	2	1	0	0	17
	0.00	0.08	0.05	0.00	0.09	0.00	0.03	0.02	0.00	0.00	0.26
	0.00	29.41	17.65	0.00	35.29	0.00	11.76	5.88	0.00	0.00	
	0.00	0.23	0.48	0.00	3.87	0.00	0.15	0.30	0.00	0.00	
17	1	36	6	6	1	0	56	2	11	4	117
	0.02	0.56	0.06	0.06	0.02	0.00	0.86	0.03	0.17	0.06	1.81
	0.85	30.77	5.42	5.42	0.85	0.00	46.15	1.71	9.40	3.42	
	2.33	1.64	0.64	0.43	0.65	0.00	3.98	0.60	1.72	2.90	
18	1	52	9	8	5	0	56	3	6	3	143
	0.02	0.81	0.14	0.12	0.08	0.00	0.87	0.05	0.09	0.05	2.22
	0.70	36.36	6.29	5.59	3.50	0.00	39.16	2.10	4.20	2.10	
	2.33	2.36	1.43	0.86	3.23	0.00	4.13	0.90	0.94	2.17	
19	0	3	0	0	1	0	1	0	1	2	8
	0.00	0.05	0.00	0.00	0.02	0.00	0.02	0.00	0.02	0.03	0.12
	0.00	37.50	0.00	0.00	12.50	0.00	12.50	0.00	12.50	25.00	
	0.00	0.14	0.00	0.00	0.65	0.00	0.07	0.00	0.16	1.45	
20	0	14	2	1	0	0	2	1	2	0	22
	0.00	0.22	0.03	0.02	0.00	0.00	0.03	0.02	0.03	0.00	0.34
	0.00	63.64	9.09	4.55	0.00	0.00	9.09	4.55	9.09	0.00	
	0.00	0.64	0.32	0.11	0.00	0.00	0.15	0.30	0.31	0.00	
21	1	50	18	14	6	1	40	12	26	17	185
	0.02	0.78	0.28	0.22	0.09	0.02	0.62	0.19	0.40	0.26	2.87
	0.54	27.03	9.73	7.57	3.24	0.54	21.62	6.49	14.05	9.19	
	2.33	2.27	2.86	1.51	3.87	3.70	2.95	3.61	4.07	12.32	
22	1	58	19	22	2	1	33	4	20	2	162
	0.02	0.90	0.29	0.34	0.03	0.02	0.51	0.06	0.31	0.03	2.51
	0.62	35.80	11.73	13.58	1.23	0.62	20.37	2.47	12.35	1.23	
	2.33	2.64	3.02	2.37	1.29	3.70	2.43	1.20	3.13	1.45	
23	0	5	0	0	0	0	2	0	0	0	7
	0.00	0.08	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.11
	0.00	71.43	0.00	0.00	0.00	0.00	28.57	0.00	0.00	0.00	
	0.00	0.23	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	
24	2	36	24	39	0	1	3	5	17	0	127
	0.03	0.56	0.37	0.60	0.00	0.02	0.05	0.08	0.26	0.00	1.97
	1.57	28.35	18.90	30.71	0.00	0.79	2.36	3.94	13.39	0.00	
	4.65	1.64	3.82	4.20	0.00	3.70	0.22	1.51	2.66	0.00	
TOTAL	43	2201	629	929	155	27	1356	332	639	138	6449
	0.67	34.13	9.75	14.41	2.40	0.42	21.03	5.15	9.91	2.14	100.00

(CONTINUED)

TABLE E-15 (CONTINUED)

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY HOME OF RECORD AND JROTC PROGRAM GRADUATED FROM

103 JROTC FREQUENCY PERCENT ROW PCT COL PCT	10	11	12	13	14	20	21	22	23	24	TOTAL
25	0 0.00 0.00 0.00	1 0.02 3.13 0.05	7 0.11 21.88 1.11	8 0.12 25.00 0.86	2 0.03 6.25 1.29	0 0.00 0.00 0.00	1 0.02 3.13 0.07	1 0.02 3.13 0.30	11 0.17 34.38 1.72	1 0.02 3.13 0.72	32 0.50
26	0 0.00 0.00 0.00	22 0.34 43.14 1.00	9 0.14 17.65 1.43	3 0.05 5.88 0.32	0 0.00 0.00 0.00	0 0.00 0.00 0.00	13 0.20 25.49 0.96	3 0.05 5.88 0.90	0 0.00 0.00 0.00	1 0.02 1.96 0.72	51 0.79
27	0 0.00 0.00 0.00	2 0.03 22.22 0.09	2 0.03 22.22 0.32	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.06 44.44 0.29	1 0.02 11.11 0.30	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9 0.14
28	0 0.00 0.00 0.00	95 1.47 52.49 4.32	18 0.28 9.94 2.86	33 0.51 18.23 3.55	9 0.14 4.97 5.81	1 0.02 0.55 3.70	11 0.17 6.08 0.81	7 0.11 3.87 2.11	6 0.09 3.31 0.94	1 0.02 0.55 0.72	181 2.81
29	1 0.02 1.19 2.33	35 0.54 41.67 1.59	3 0.05 3.57 0.48	4 0.06 4.76 0.43	0 0.00 0.00 0.00	0 0.00 0.00 0.00	30 0.47 35.71 2.21	7 0.11 8.33 2.11	4 0.06 4.76 0.63	0 0.00 0.00 0.00	84 1.30
30	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6 0.09 75.00 0.95	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.02 12.50 0.30	1 0.02 12.50 0.16	0 0.00 0.00 0.00	8 0.12
31	0 0.00 0.00 0.00	9 0.14 27.27 0.41	0 0.00 0.00 0.00	10 0.16 30.30 1.08	0 0.00 0.00 0.00	1 0.02 3.03 3.70	10 0.16 30.30 0.74	0 0.00 0.00 0.00	3 0.05 9.09 0.47	0 0.00 0.00 0.00	33 0.51
32	1 0.02 2.44 2.33	5 0.08 12.20 0.23	5 0.08 12.20 0.79	15 0.23 36.59 1.61	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6 0.09 14.63 0.44	4 0.06 9.76 1.20	5 0.08 12.20 0.78	0 0.00 0.00 0.00	41 0.64
33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.02 14.29 0.16	1 0.02 14.29 0.11	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.02 14.29 0.07	4 0.06 57.14 1.20	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7 0.11
34	0 0.00 0.00 0.00	3 0.05 14.29 0.14	8 0.12 38.10 1.27	3 0.05 14.29 0.32	1 0.02 4.76 0.65	0 0.00 0.00 0.00	2 0.03 9.52 0.15	2 0.03 9.52 0.60	2 0.03 9.52 0.31	0 0.00 0.00 0.00	21 0.33
35	1 0.02 0.95 2.33	4 0.06 3.81 0.18	24 0.37 22.86 3.82	11 0.17 10.48 1.18	3 0.05 2.86 1.94	0 0.00 0.00 0.00	17 0.26 16.19 1.25	5 0.08 4.76 1.51	15 0.23 14.29 2.35	25 0.39 23.81 18.12	105 1.63
36	0 0.00 0.00 0.00	7 0.11 14.89 0.32	6 0.09 12.77 0.95	18 0.28 38.30 1.94	1 0.02 2.13 0.65	1 0.02 2.13 3.70	9 0.14 19.15 0.66	0 0.00 0.00 0.00	4 0.06 8.51 0.63	1 0.02 2.13 0.72	47 0.73
TOTAL	43 0.67	2201 34.13	629 9.75	929 14.41	155 2.40	27 0.42	1356 21.03	332 5.15	639 9.91	138 2.14	6449 100.00

(CONTINUED)

TABLE E-15 (CONTINUED)

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY HOME OF RECORD AND JROTC PROGRAM GRADUATED FROM

HOR / JROTC FREQUENCY PERCENT ROW PCT COL PCT	10	11	12	13	14	20	21	22	23	24	TOTAL
37	6 0.09 0.83 13.95	299 4.64 41.47 13.58	57 0.88 7.91 9.06	142 2.20 19.69 15.29	14 0.22 1.94 9.03	3 0.05 0.42 11.11	88 1.36 12.21 6.49	25 0.39 3.47 7.53	84 1.30 11.65 13.15	3 0.05 0.42 2.17	721 11.18
38	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.02 20.00 0.11	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.03 40.00 0.15	1 0.02 20.00 0.30	1 0.02 20.00 0.16	0 0.00 0.00 0.00	5 0.08
39	0 0.00 0.00 0.00	18 0.28 16.98 0.62	20 0.31 18.87 3.18	18 0.28 16.98 1.94	2 0.03 1.89 1.29	2 0.03 1.89 7.41	17 0.26 16.04 1.25	6 0.09 5.66 1.81	20 0.31 18.87 3.13	3 0.05 2.83 2.17	106 1.64
40	0 0.00 0.00 0.00	22 0.34 55.00 1.00	1 0.02 2.50 0.16	3 0.05 7.50 0.32	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7 0.11 17.50 0.52	2 0.03 5.00 0.60	5 0.08 12.50 0.78	0 0.00 0.00 0.00	40 0.62
41	0 0.00 0.00 0.00	5 0.08 71.43 0.23	0 0.00 0.00 0.00	1 0.02 14.29 0.11	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.02 14.29 0.30	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7 0.11
42	1 0.02 1.49 2.33	18 0.28 26.87 0.82	12 0.19 17.91 1.91	15 0.23 22.39 1.61	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.06 5.97 0.29	7 0.11 10.45 2.11	10 0.16 14.93 1.56	0 0.00 0.00 0.00	67 1.04
43	0 0.00 0.00 0.00	3 0.05 42.86 0.14	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.05 42.86 0.22	0 0.00 0.00 0.00	1 0.02 14.29 0.16	0 0.00 0.00 0.00	7 0.11
44	0 0.00 0.00 0.00	2 0.03 13.33 0.09	5 0.08 33.33 0.79	3 0.05 20.00 0.32	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.03 13.33 0.15	1 0.02 6.67 0.30	2 0.03 13.33 0.31	0 0.00 0.00 0.00	15 0.23
45	0 0.00 0.00 0.00	100 1.55 35.71 4.54	46 0.71 16.43 7.31	58 0.90 20.71 6.24	1 0.02 0.36 0.65	1 0.02 0.36 3.70	25 0.39 8.93 1.84	22 0.34 7.86 6.63	27 0.42 9.64 4.23	0 0.00 0.00 0.00	280 4.34
46	0 0.00 0.00 0.00	1 0.02 33.33 0.05	0 0.00 0.00 0.00	2 0.03 66.67 0.22	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.05
47	9 0.14 2.66 20.93	180 2.79 53.25 8.18	15 0.23 4.44 2.36	29 0.45 8.58 3.12	1 0.02 0.30 0.65	0 0.00 0.30 0.00	68 1.05 20.12 5.01	8 0.12 2.37 2.41	26 0.40 7.69 4.07	2 0.03 0.59 1.45	338 5.24
48	5 0.08 0.71 11.63	178 2.76 25.21 8.09	42 0.65 5.95 6.68	58 0.90 8.22 6.24	12 0.19 1.70 7.74	4 0.06 0.57 14.81	299 4.64 42.35 22.05	41 0.64 5.81 12.35	43 0.67 6.09 6.73	24 0.37 3.40 17.39	706 10.95
TOTAL	43 0.67	2201 34.13	629 9.75	929 14.41	155 2.40	27 0.42	1356 21.03	332 5.15	639 9.91	138 2.14	6449 100.00

(CONTINUED)

TABLE E-15 (CONTINUED)

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY HOME OF RECORD AND
JROTC PROGRAM GRADUATED FROM

HOR / JROTC	10	11	12	13	14	20	21	22	23	24	TOTAL
49	0 0.00 0.00 0.00	11 0.17 40.74 0.50	1 0.02 3.70 0.16	6 0.09 22.22 0.65	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6 0.09 22.22 0.44	0 0.00 0.00 0.00	3 0.05 11.11 0.47	0 0.00 0.00 0.00	27 0.42
50	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.03 50.00 0.22	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.03 50.00 0.31	0 0.00 0.00 0.00	4 0.06
51	1 0.02 0.35 2.33	41 0.64 14.29 1.86	29 0.45 10.10 4.61	35 0.54 12.20 3.77	9 0.14 3.14 5.81	1 0.02 0.35 3.70	55 0.85 19.16 4.06	49 0.76 17.07 14.76	58 0.90 20.21 9.08	9 0.14 3.14 6.52	287 4.45
52	0 0.00 0.00 0.00	5 0.08 25.00 0.23	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	14 0.22 70.00 1.03	1 0.02 5.00 0.30	0 0.00 0.00 0.00	0 0.00 0.00 0.00	20 0.31
53	0 0.00 0.00 0.00	10 0.16 19.23 0.45	13 0.20 25.00 2.07	13 0.20 25.00 1.40	5 0.08 9.62 3.23	0 0.00 0.00 0.00	5 0.08 9.62 0.37	3 0.05 5.77 0.90	2 0.03 3.85 0.31	1 0.02 1.92 0.72	52 0.81
54	0 0.00 0.00 0.00	9 0.14 36.00 0.41	0 0.00 0.00 0.00	10 0.16 40.00 1.08	0 0.00 0.00 0.00	1 0.02 4.00 3.70	2 0.03 8.00 0.15	0 0.00 0.00 0.00	3 0.05 12.00 0.47	0 0.00 0.00 0.00	25 0.39
55	0 0.00 0.00 0.00	5 0.08 20.00 0.23	3 0.05 12.00 0.48	2 0.03 8.00 0.22	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9 0.14 36.00 0.66	5 0.08 20.00 1.51	1 0.02 4.00 0.16	0 0.00 0.00 0.00	25 0.39
56	0 0.00 0.00 0.00	1 0.02 9.09 0.05	1 0.02 9.09 0.16	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.02 9.09 3.70	4 0.06 36.36 0.29	2 0.03 18.18 0.60	2 0.03 18.18 0.31	0 0.00 0.00 0.00	11 0.17
TOTAL	43 0.67	2201 34.13	629 9.75	929 14.41	155 2.40	27 0.42	1356 21.03	332 5.15	639 9.91	138 2.14	6449 100.00

TABLE E-16

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY AFQT CATEGORY AND BRANCH OF SERVICE ENLISTED INTO

AFQT	SERVICE				
FREQUENCY PERCENT ROW PCT COL PCT	ARMY	NAVY	USAF	USMC	TOTAL
0	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7 0.11 100.00 0.70	0 0.00 0.00 0.00	7 0.11
3	0 0.00 0.00 0.00	2 0.03 100.00 0.14	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.03
4	166 2.57 45.73 5.13	191 2.96 52.62 13.06	3 0.05 0.83 0.30	3 0.05 0.83 0.40	363 5.63
5	1413 21.91 52.92 43.64	562 8.71 21.05 38.41	366 5.68 13.71 36.75	329 5.10 12.32 43.75	2670 41.40
6	785 12.17 51.34 24.24	279 4.33 18.25 19.07	266 4.12 17.40 26.71	199 3.09 13.02 26.46	1529 23.71
7	809 12.54 47.62 24.98	374 5.80 22.01 25.56	316 4.90 18.60 31.73	200 3.10 11.77 26.60	1699 26.35
8	65 1.01 36.31 2.01	55 0.85 30.73 3.76	38 0.59 21.23 3.82	21 0.33 11.73 2.79	179 2.78
TOTAL	3238 50.21	1463 22.69	996 15.44	752 11.66	6449 100.00

TABLE E-17

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY JROTC PROGRAM GRADUATED FROM AND RACE/ETHNIC GROUP

JROTC	RACEETH						
FREQUENCY PERCENT ROW PCT COL PCT	1	2	3	4	5	6	TOTAL
10	19 0.33 52.78 0.61	14 0.24 38.89 0.63	2 0.03 5.56 0.72	0 0.00 0.00 0.00	1 0.02 2.78 1.05	0 0.00 0.00 0.00	36 0.62
11	958 16.48 48.09 30.65	901 15.50 45.23 40.35	74 1.27 3.71 26.52	10 0.17 0.50 38.46	32 0.55 1.61 33.68	17 0.29 0.85 30.91	1992 34.26
12	324 5.57 56.84 10.36	207 3.56 36.32 9.27	24 0.41 4.21 8.60	3 0.05 0.53 11.54	7 0.12 1.23 7.37	5 0.09 0.88 9.09	570 9.80
13	454 7.81 54.63 14.52	313 5.47 38.27 14.24	33 0.57 3.97 11.83	3 0.05 0.36 11.54	15 0.26 1.81 15.79	8 0.14 0.96 14.55	831 14.29
14	72 1.24 49.32 2.30	64 1.10 43.84 2.87	6 0.10 4.11 2.15	2 0.03 1.37 7.69	0 0.00 0.00 0.00	2 0.03 1.37 3.64	146 2.51
20	12 0.21 54.55 0.38	6 0.10 27.27 0.27	2 0.03 9.09 0.72	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.03 9.09 3.64	22 0.38
21	662 11.39 54.26 21.18	423 7.28 34.67 18.94	92 1.58 7.54 32.97	5 0.09 0.41 19.23	27 0.46 2.21 28.42	11 0.19 0.90 20.00	1220 20.98
22	178 3.06 59.33 5.69	95 1.63 31.67 4.25	16 0.28 5.33 5.73	2 0.03 0.67 7.69	5 0.09 1.67 5.26	4 0.07 1.33 7.27	300 5.16
23	367 6.31 63.72 11.74	182 3.13 31.60 8.15	15 0.26 2.60 5.38	1 0.02 0.17 3.85	7 0.12 1.22 7.37	4 0.07 0.69 7.27	576 9.91
24	30 1.38 66.12 2.56	23 0.40 19.01 1.03	15 0.26 12.40 5.38	0 0.00 0.00 0.00	1 0.02 0.83 1.05	2 0.03 1.65 3.64	121 2.08
TOTAL	3126 53.77	2233 38.41	279 4.80	26 0.45	95 1.63	55 0.95	5814 100.00

TABLE E-18

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY JROTC PROGRAM GRADUATED FROM AND RACE/ETHNIC GROUP

JROTC / RACEETH	1	2	3	4	5	6	TOTAL
10	3 0.47 42.86 1.19	4 0.63 57.14 1.24	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7 1.10
11	74 11.65 35.41 29.25	109 17.17 52.15 33.85	10 1.57 4.78 34.48	2 0.31 0.96 50.00	12 1.89 5.74 60.00	2 0.31 0.96 28.57	209 32.91
12	25 3.94 42.37 9.88	30 4.72 50.85 9.32	3 0.47 5.08 10.34	1 0.16 1.69 25.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	59 9.29
13	42 6.61 42.86 16.60	51 8.03 52.04 15.84	2 0.31 2.04 6.90	0 0.00 0.00 0.00	2 0.31 2.04 10.00	1 0.16 1.02 14.29	98 15.43
14	3 0.47 33.33 1.19	6 0.94 66.67 1.86	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9 1.42
20	2 0.31 40.00 0.79	3 0.47 60.00 0.93	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 0.79
21	51 8.03 37.50 20.16	68 10.71 50.00 21.12	12 1.89 8.82 41.38	0 0.00 0.00 0.00	4 0.63 2.94 20.00	1 0.16 0.74 14.29	136 21.42
22	21 3.31 65.63 8.30	10 1.57 31.25 3.11	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.16 3.13 14.29	32 5.04
23	27 4.25 42.86 10.67	32 5.04 50.79 9.94	1 0.16 1.59 3.45	0 0.00 0.00 0.00	1 0.16 1.59 5.00	2 0.31 3.17 28.57	63 9.92
24	5 0.79 29.41 1.98	9 1.42 52.94 2.80	1 0.16 5.88 3.45	1 0.16 5.88 25.00	1 0.16 5.88 5.00	0 0.00 0.00 0.00	17 2.68
TOTAL	253 39.84	322 50.71	29 4.57	4 0.63	20 3.15	7 1.10	635 100.00

TABLE E-19

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY HIGHEST YEAR OF EDUCATION COMPLETED AND RACE/ETHNIC GROUP

HYEC / RACEETH	1	2	3	4	5	6	TOTAL
2	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.02 100.00 0.36	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.02
3	7 0.12 58.33 0.22	4 0.07 33.33 0.18	1 0.02 8.33 0.36	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12 0.21
4	38 0.65 92.68 1.22	2 0.03 4.88 0.09	1 0.02 2.44 0.36	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	41 0.71
5	64 1.10 71.91 2.05	18 0.31 20.22 0.81	7 0.12 7.87 2.51	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	89 1.53
6	2833 48.73 52.41 90.63	2149 36.96 39.76 96.24	252 4.33 4.66 90.32	26 0.45 0.48 100.00	93 1.60 1.72 97.89	52 0.89 0.96 94.55	5405 92.97
7	57 0.98 67.86 1.82	25 0.43 29.76 1.12	1 0.02 1.19 0.36	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.02 1.19 1.82	84 1.44
8	31 0.53 64.58 0.99	11 0.19 22.92 0.49	5 0.09 10.42 1.79	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.02 2.08 1.82	48 0.83
9	11 0.19 61.11 0.35	7 0.12 38.89 0.31	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	18 0.31
10	20 0.34 64.52 0.64	7 0.12 22.58 0.31	4 0.07 12.90 1.43	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	31 0.53
13	65 1.12 76.47 2.08	10 0.17 11.76 0.45	7 0.12 8.24 2.51	0 0.00 0.00 0.00	2 0.03 2.35 2.11	1 0.02 1.18 1.82	85 1.46
TOTAL	3126 53.77	2233 38.41	279 4.80	26 0.45	95 1.63	55 0.95	5814 100.00

TABLE E-20

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986, BY HIGHEST YEAR OF EDUCATION COMPLETED AND RACE/ETHNIC GROUP

HYEC RACEETH

FREQUENCY / PERCENT / ROW PCT / COL PCT	1	2	3	4	5	6	TOTAL
2	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00
3	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00
4	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00
5	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00
6	245 38.58 40.30 96.84	306 48.19 50.33 95.03	27 4.25 4.44 93.10	4 0.63 0.66 100.00	19 2.99 3.13 95.00	7 1.10 1.15 100.00	608 95.75
7	3 0.47 23.08 1.19	10 1.57 76.92 3.11	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	13 2.05
8	2 0.31 28.57 0.79	3 0.47 42.86 0.93	1 0.16 14.29 3.45	0 0.00 0.00 0.00	1 0.16 14.29 5.00	0 0.00 0.00 0.00	7 1.10
9	1 0.16 50.00 0.40	1 0.16 50.00 0.31	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.31
10	2 0.31 50.00 0.79	2 0.31 50.00 0.62	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.63
13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.16 100.00 3.45	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.16
TOTAL	253 39.84	322 50.71	29 4.57	4 0.63	20 3.15	7 1.10	635 100.00

TABLE E-21

ALL SERVICES JROTC MALE GRADUATES FOR FISCAL YEAR 1986,
BY AFQT CATEGORY AND RACE/ETHNIC GROUP

AFQT / RACEETH	1	2	3	4	5	6	TOTAL
0	4	1	1	0	0	0	6
	0.07	0.02	0.02	0.00	0.00	0.00	0.10
	66.67	16.67	16.67	0.00	0.00	0.00	
	0.13	0.04	0.36	0.00	0.00	0.00	
3	0	1	0	0	1	0	2
	0.00	0.02	0.00	0.00	0.02	0.00	0.03
	0.00	50.00	0.00	0.00	50.00	0.00	
	0.00	0.04	0.00	0.00	1.05	0.00	
4	101	232	17	2	7	1	360
	1.74	3.99	0.29	0.03	0.12	0.02	6.19
	28.06	64.44	4.72	0.56	1.94	0.28	
	3.23	10.39	6.09	7.69	7.37	1.82	
5	886	1366	122	10	35	30	2449
	15.24	23.50	2.10	0.17	0.60	0.52	42.12
	36.18	55.78	4.98	0.41	1.43	1.22	
	28.34	61.17	43.73	38.46	36.84	54.55	
6	810	396	63	7	23	12	1311
	13.93	6.81	1.08	0.12	0.40	0.21	22.55
	61.78	30.21	4.81	0.53	1.75	0.92	
	25.91	17.73	22.58	26.92	24.21	21.82	
7	1173	232	72	6	25	11	1519
	20.18	3.99	1.24	0.10	0.43	0.19	26.13
	77.22	15.27	4.74	0.39	1.65	0.72	
	37.52	10.39	25.81	23.08	26.32	20.00	
8	152	5	4	1	4	1	167
	2.61	0.09	0.07	0.02	0.07	0.02	2.87
	91.02	2.99	2.40	0.60	2.40	0.60	
	4.86	0.22	1.43	3.85	4.21	1.82	
TOTAL	3126	2233	279	26	95	55	5814
	53.77	38.41	4.80	0.45	1.63	0.95	100.00

TABLE E-22

ALL SERVICES JROTC FEMALE GRADUATES FOR FISCAL YEAR 1986,
BY AFQT CATEGORY AND RACE/ETHNIC GROUP

AFQT	RACEETH						
FREQUENCY PERCENT ROW PCT COL PCT	1	2	3	4	5	6	TOTAL
0	1 0.16 100.00 0.40	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.16
3	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	0 0.00
4	0 0.00 0.00 0.00	3 0.47 100.00 0.93	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.47
5	63 9.92 28.51 24.90	133 20.94 60.18 41.30	12 1.89 5.43 41.38	2 0.31 0.90 50.00	7 1.10 3.17 35.00	4 0.63 1.81 57.14	221 34.80
6	71 11.18 32.57 28.06	124 19.53 56.88 38.51	12 1.89 5.50 41.38	1 0.16 0.46 25.00	7 1.10 3.21 35.00	3 0.47 1.38 42.86	218 34.33
7	109 17.17 60.56 43.08	61 9.61 33.89 18.94	3 0.47 1.67 10.34	1 0.16 0.56 25.00	6 0.94 3.33 30.00	0 0.00 0.00 0.00	180 28.35
8	9 1.42 75.00 3.56	1 0.16 8.33 0.31	2 0.31 16.67 6.90	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12 1.89
TOTAL	253 39.84	322 50.71	29 4.57	4 0.63	20 3.15	7 1.10	635 100.00

TABLE E-23

ALL SERVICES JROTC MALE GRADUATES FOR FISCAL YEAR 1986,
BY BRANCH OF SERVICE ENLISTED INTO AND RACE/ETHNIC GROUP

SVC	RACEETH						
FREQUENCY PERCENT ROW PCT COL PCT	1	2	3	4	5	6	TOTAL
1	1435 24.68 49.52 45.91	1247 21.45 43.03 55.84	122 2.10 4.21 43.73	12 0.21 0.41 46.15	57 0.98 1.97 60.00	25 0.43 0.86 45.45	2898 49.85
2	646 11.11 58.20 20.67	376 6.47 33.87 16.84	54 0.93 4.86 19.35	9 0.15 0.81 34.62	20 0.34 1.80 21.05	5 0.09 0.45 9.09	1110 19.09
3	546 9.39 63.05 17.47	272 4.68 31.41 12.18	23 0.40 2.66 8.24	2 0.03 0.23 7.69	12 0.21 1.39 12.63	11 0.19 1.27 20.00	866 14.90
4	379 6.52 52.86 12.12	254 4.37 35.43 11.37	61 1.05 8.51 21.86	3 0.05 0.42 11.54	6 0.10 0.84 6.32	14 0.24 1.95 25.45	717 12.33
8	120 2.06 53.81 3.84	84 1.44 37.67 3.76	19 0.33 8.52 6.81	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	223 3.84
TOTAL	3126 53.77	2233 38.41	279 4.80	26 0.45	95 1.63	55 0.95	5814 100.00

TABLE E-24

ALL SERVICES JROTC FEMALE GRADUATES FOR FISCAL YEAR 1986,
BY BRANCH OF SERVICE ENLISTED INTO AND RACE/ETHNIC GROUP

SVC / RACEETH	1	2	3	4	5	6	TOTAL
1	118	190	10	3	15	4	340
	18.58	29.92	1.57	0.47	2.36	0.63	53.54
	34.71	55.88	2.94	0.88	4.41	1.18	
	46.64	59.01	34.48	75.00	75.00	57.14	
2	54	58	13	0	2	1	128
	8.50	9.13	2.05	0.00	0.31	0.16	20.16
	42.19	45.31	10.16	0.00	1.56	0.78	
	21.34	18.01	44.83	0.00	10.00	14.29	
3	63	61	2	0	2	2	130
	9.92	9.61	0.31	0.00	0.31	0.31	20.47
	48.46	46.92	1.54	0.00	1.54	1.54	
	24.90	18.94	6.90	0.00	10.00	28.57	
4	17	12	4	1	1	0	35
	2.68	1.89	0.63	0.16	0.16	0.00	5.51
	48.57	34.29	11.43	2.86	2.86	0.00	
	6.72	3.73	13.79	25.00	5.00	0.00	
8	1	1	0	0	0	0	2
	0.16	0.16	0.00	0.00	0.00	0.00	0.31
	50.00	50.00	0.00	0.00	0.00	0.00	
	0.40	0.31	0.00	0.00	0.00	0.00	
TOTAL	253	322	29	4	20	7	635
	39.84	50.71	4.57	0.63	3.15	1.10	100.00

TABLE F-1

TERM OF ENLISTMENT FOR ALL NAVY JROTC PROGRAM GRADUATES

TOE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
2	18	1.9	18	1.9
3	209	21.7	227	23.6
4	656	68.3	883	91.9
6	31	3.2	914	95.1
8	47	4.9	961	100.0

TABLE F-2

ENTERING PAYGRADE FOR ALL NAVY JROTC PROGRAM GRADUATES

ENT_PG	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
1	122	12.7	122	12.7
2	282	29.3	404	42.0
3	556	57.9	960	99.9
4	1	0.1	961	100.0

TABLE F-3

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY SEX AND BRANCH OF SERVICE ENLISTED INTO

SEX	SERVICE				
FREQUENCY PERCENT ROW PCT COL PCT	ARMY	NAVY	USAF	USMC	TOTAL
1	319 33.19 36.67 88.86	344 35.80 39.54 91.01	83 8.64 9.54 90.22	124 12.90 14.25 93.94	870 90.53
2	40 4.16 43.96 11.14	34 3.54 37.36 8.99	9 0.94 9.89 9.78	8 0.83 8.79 6.06	91 9.47
TOTAL	359 37.36	378 39.33	92 9.57	132 13.74	961 100.00

TABLE F-4

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY RACE/ETHNIC GROUP AND
BRANCH OF SERVICE ENLISTED INTO

RACEETH	SERVICE				
FREQUENCY PERCENT ROW PCT COL PCT	ARMY	NAVY	USAF	USMC	TOTAL
1	196 20.40 35.77 54.60	224 23.31 40.88 59.26	59 6.14 10.77 64.13	69 7.18 12.59 52.27	548 57.02
2	155 16.13 45.32 43.18	111 11.55 32.46 29.37	27 2.31 7.89 29.35	49 5.10 14.33 37.12	342 35.59
3	3 0.31 6.98 0.84	29 3.02 67.44 7.67	3 0.31 6.98 3.26	8 0.83 18.60 6.06	43 4.47
4	1 0.10 16.67 0.28	4 0.42 66.67 1.06	0 0.00 0.00 0.00	1 0.10 16.67 0.76	6 0.62
5	3 0.31 25.00 0.84	7 0.73 58.33 1.85	1 0.10 8.33 1.09	1 0.10 8.33 0.76	12 1.25
6	1 0.10 10.00 0.28	3 0.31 30.00 0.79	2 0.21 20.00 2.17	4 0.42 40.00 3.03	10 1.04
TOTAL	359 37.36	378 39.33	92 9.57	132 13.74	961 100.00

TABLE F-5

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY RACE/ETHNIC GROUP AND AFQT CATEGORY

RACEETH / AFQT FREQUENCY PERCENT ROW PCT COL PCT	4	5	6	7	3	TOTAL
1	25 2.60 4.56 37.31	158 16.44 28.83 40.93	137 14.26 25.00 61.16	200 20.81 36.50 78.13	28 2.91 5.11 100.00	548 57.02
2	35 3.64 10.23 52.24	203 21.12 59.36 52.59	64 6.66 18.71 28.57	40 4.16 11.70 15.63	0 0.00 0.00 0.00	342 35.59
3	6 0.62 13.95 8.96	17 1.77 39.53 4.40	11 1.14 25.58 4.91	9 0.94 20.93 3.52	0 0.00 0.00 0.00	43 4.47
4	0 0.00 0.00 0.00	1 0.10 16.67 0.26	3 0.31 50.00 1.34	2 0.21 33.33 0.78	0 0.00 0.00 0.00	6 0.62
5	1 0.10 8.33 1.49	4 0.42 33.33 1.04	6 0.62 50.00 2.68	1 0.10 8.33 0.39	0 0.00 0.00 0.00	12 1.25
6	0 0.00 0.00 0.00	3 0.31 30.00 0.78	3 0.31 30.00 1.34	4 0.42 40.00 1.56	0 0.00 0.00 0.00	10 1.04
TOTAL	67 6.97	386 40.17	224 23.31	256 26.64	28 2.91	961 100.00

TABLE F-6

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY SEX AND AFQT CATEGORY

SEX	AFQT					
FREQUENCY PERCENT ROW PCT COL PCT	4	5	6	7	8	TOTAL
1	66 6.87 7.59 98.51	354 36.84 40.69 91.71	196 20.40 22.53 87.50	228 23.73 26.21 89.06	26 2.71 2.99 92.86	870 90.53
2	1 0.10 1.10 1.49	32 3.33 35.16 8.29	28 2.91 30.77 12.50	28 2.91 30.77 10.94	2 0.21 2.20 7.14	91 9.47
TOTAL	67 6.97	386 40.17	224 23.31	256 26.64	28 2.91	961 100.00

TABLE F-7

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY SEX AND RACE/ETHNIC GROUP

SEX	RACEETH						
FREQUENCY PERCENT ROW PCT COL PCT	1	2	3	4	5	6	TOTAL
1	502 52.24 57.70 91.61	302 31.43 34.71 88.30	40 4.16 4.60 93.02	5 0.52 0.57 83.33	12 1.25 1.38 100.00	9 0.94 1.03 90.00	870 90.53
2	46 4.79 50.55 8.39	40 4.16 43.96 11.70	3 0.31 3.30 6.98	1 0.10 1.10 16.67	0 0.00 0.00 0.00	1 0.10 1.10 10.00	91 9.47
TOTAL	548 57.02	342 35.59	43 4.47	6 0.62	12 1.25	10 1.04	961 100.00

TABLE F-8

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY HIGHEST YEAR OF EDUCATION COMPLETED AND BRANCH OF SERVICE ENLISTED INTO

HYEC / SERVICE	ARMY	NAVY	USAF	USMC	TOTAL
2	0 0.00 0.00 0.00	1 0.10 100.00 0.26	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.10
3	0 0.00 0.00 0.00	2 0.21 100.00 0.53	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.21
4	3 0.31 60.00 0.84	1 0.10 20.00 0.26	0 0.00 0.00 0.00	1 0.10 20.00 0.76	5 0.52
5	3 0.31 15.79 0.84	15 1.56 78.95 3.97	0 0.00 0.00 0.00	1 0.10 5.26 0.76	19 1.98
6	338 35.17 38.11 94.15	333 34.65 37.54 88.10	36 3.95 9.70 93.48	130 13.53 14.66 98.48	887 92.30
7	4 0.42 33.33 1.11	4 0.42 33.33 1.06	4 0.42 33.33 4.35	0 0.00 0.00 0.00	12 1.25
8	2 0.21 22.22 0.56	5 0.52 55.56 1.32	2 0.21 22.22 2.17	0 0.00 0.00 0.00	9 0.94
9	1 0.10 25.00 0.28	3 0.31 75.00 0.79	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.42
10	4 0.42 57.14 1.11	3 0.31 42.86 0.79	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7 0.73
13	4 0.42 26.67 1.11	11 1.14 73.33 2.91	0 0.00 0.00 0.00	0 0.00 0.00 0.00	15 1.56
TOTAL	359 37.36	378 39.33	92 9.57	132 13.74	961 100.00

TABLE F-9

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY HIGHEST YEAR OF EDUCATION COMPLETED AND RACE/ETHNIC GROUP

HYEC / RACEETH	1	2	3	4	5	6	TOTAL
2	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.10 100.00 2.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.10
3	1 0.10 50.00 0.18	1 0.10 50.00 0.29	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.21
4	5 0.52 100.00 0.91	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 0.52
5	11 1.14 57.89 2.01	4 0.42 21.05 1.17	4 0.42 21.05 9.30	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	19 1.98
6	496 51.61 55.92 90.51	329 34.13 36.98 95.91	35 3.64 3.95 81.40	6 0.62 0.68 100.00	12 1.25 1.35 100.00	10 1.04 1.13 100.00	887 92.30
7	6 0.62 50.00 1.09	6 0.62 50.00 1.75	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	12 1.25
8	7 0.73 77.78 1.28	0 0.00 0.00 0.00	2 0.21 22.22 4.65	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9 0.94
9	4 0.42 100.00 0.73	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	4 0.42
10	6 0.62 85.71 1.09	1 0.10 14.29 0.29	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7 0.73
13	12 1.25 80.00 2.19	2 0.21 13.33 0.58	1 0.10 6.67 2.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	15 1.56
TOTAL	548 57.02	342 35.59	43 4.47	6 0.62	12 1.25	10 1.04	961 100.00

TABLE F-10

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY HIGHEST YEAR OF EDUCATION COMPLETED AND SEX

HYEC / SEX	1	2	TOTAL
2	1 0.10 100.00 0.11	0 0.00 0.00 0.00	1 0.10
3	2 0.21 100.00 0.23	0 0.00 0.00 0.00	2 0.21
4	5 0.52 100.00 0.57	0 0.00 0.00 0.00	5 0.52
5	19 1.98 100.00 2.19	0 0.00 0.00 0.00	19 1.98
6	802 83.45 90.42 92.13	85 8.84 9.58 93.41	887 92.30
7	9 0.94 75.00 1.03	3 0.31 25.00 3.30	12 1.25
8	9 0.94 100.00 1.03	0 0.00 0.00 0.00	9 0.94
9	4 0.42 100.00 0.46	0 0.00 0.00 0.00	4 0.42
10	5 0.52 71.43 0.57	2 0.21 28.57 2.20	7 0.73
13	14 1.46 93.33 1.61	1 0.10 6.67 1.10	15 1.56
TOTAL	870 90.53	91 9.47	961 100.00

TABLE F-11

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY AGE AT ENTRY INTO THE MILITARY AND BRANCH OF SERVICE ENLISTED INTO

AGEENT / SERVICE FREQUENCY PERCENT ROW PCT COL PCT	ARMY	NAVY	USAF	USMC	TOTAL
17	39 4.06 39.80 10.86	37 3.85 37.76 9.79	6 0.62 6.12 6.52	16 1.66 16.33 12.12	98 10.20
18	166 17.27 35.93 46.24	180 18.73 38.96 47.62	45 4.68 9.74 48.91	71 7.39 15.37 53.79	462 48.07
19	66 6.87 37.71 18.38	70 7.28 40.00 18.52	14 1.46 8.00 15.22	25 2.60 14.29 18.94	175 18.21
20	38 3.95 38.00 10.58	40 4.16 40.00 10.58	10 1.04 10.00 10.87	12 1.25 12.00 9.09	100 10.41
21	19 1.98 42.22 5.29	14 1.46 31.11 3.70	5 0.52 11.11 5.43	7 0.73 15.56 5.30	45 4.68
22	31 3.23 38.27 8.64	37 3.85 45.68 9.79	12 1.25 14.81 13.04	1 0.10 1.23 0.76	81 8.43
TOTAL	359 37.36	378 39.33	92 9.57	132 13.74	961 100.00

TABLE F-12

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY AGE AT ENTRY INTO THE MILITARY AND
RACE/ETHNIC GROUP

AGEENT / RACEETH	1	2	3	4	5	6	TOTAL
17	62	29	4	0	1	2	98
	6.45	3.02	0.42	0.00	0.10	0.21	10.20
	63.27	29.59	4.08	0.00	1.02	2.04	
	11.31	8.48	9.30	0.00	8.33	20.00	
18	266	162	20	5	7	2	462
	27.68	16.86	2.08	0.52	0.73	0.21	48.07
	57.58	35.06	4.33	1.08	1.52	0.43	
	48.54	47.37	46.51	83.33	58.33	20.00	
19	95	67	8	1	1	3	175
	9.89	6.97	0.83	0.10	0.10	0.31	18.21
	54.29	38.29	4.57	0.57	0.57	1.71	
	17.34	19.59	18.60	16.67	8.33	30.00	
20	45	49	4	0	2	0	100
	4.68	5.10	0.42	0.00	0.21	0.00	10.41
	45.00	49.00	4.00	0.00	2.00	0.00	
	8.21	14.33	9.30	0.00	16.67	0.00	
21	19	23	2	0	0	1	45
	1.98	2.39	0.21	0.00	0.00	0.10	4.68
	42.22	51.11	4.44	0.00	0.00	2.22	
	3.47	6.73	4.65	0.00	0.00	10.00	
22	61	12	5	0	1	2	81
	6.35	1.25	0.52	0.00	0.10	0.21	8.43
	75.31	14.81	6.17	0.00	1.23	2.47	
	11.13	3.51	11.63	0.00	8.33	20.00	
TOTAL	548	342	43	6	12	10	961
	57.02	35.59	4.47	0.62	1.25	1.04	100.00

TABLE F-13

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY AGE AT ENTRY INTO THE MILITARY AND SEX

AGEENT	SEX		
FREQUENCY PERCENT ROW PCT COL PCT	1	2	TOTAL
17	94 9.78 95.92 10.80	4 0.42 4.08 4.40	98 10.20
18	419 43.60 90.69 48.16	43 4.47 9.31 47.25	462 48.07
19	157 16.34 89.71 18.05	18 1.87 10.29 19.78	175 18.21
20	91 9.47 91.00 10.46	9 0.94 9.00 9.89	100 10.41
21	37 3.85 82.22 4.25	8 0.83 17.78 8.79	45 4.68
22	72 7.49 88.89 8.28	9 0.94 11.11 9.89	81 8.43
TOTAL	870 90.53	91 9.47	961 100.00

TABLE F-14

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY HOME OF RECORD AND JROTC PROGRAM GRADUATED FROM

HOR / JROTC	12	22	TOTAL
1	17 1.77 89.47 2.70	2 0.21 10.53 0.60	19 1.98
2	1 0.10 50.00 0.16	1 0.10 50.00 0.30	2 0.21
4	7 0.73 58.33 1.11	5 0.52 41.67 1.51	12 1.25
5	9 0.94 75.00 1.43	3 0.31 25.00 0.90	12 1.25
6	32 3.33 80.00 5.09	8 0.83 20.00 2.41	40 4.16
10	1 0.10 100.00 0.16	0 0.00 0.00 0.00	1 0.10
11	4 0.42 100.00 0.64	0 0.00 0.00 0.00	4 0.42
12	98 10.20 64.05 15.58	55 5.72 35.95 16.57	153 15.92
13	37 3.85 71.15 5.88	15 1.56 28.85 4.52	52 5.41
14	5 0.52 50.00 0.79	5 0.52 50.00 1.51	10 1.04
15	5 0.52 83.33 0.79	1 0.10 16.67 0.30	6 0.62
16	3 0.31 75.00 0.48	1 0.10 25.00 0.30	4 0.42
TOTAL	629 65.45	332 34.55	961 100.00

(CONTINUED)

TABLE F-14 (CONTINUED)

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY HOME OF RECORD AND JROTC PROGRAM GRADUATED FROM

HOR	JROTC		
FREQUENCY PERCENT ROW PCT COL PCT	12	22	TOTAL
17	4 0.42 66.67 0.64	2 0.21 33.33 0.60	6 0.62
19	9 0.94 75.00 1.43	3 0.31 25.00 0.90	12 1.25
20	2 0.21 66.67 0.32	1 0.10 33.33 0.30	3 0.31
21	18 1.87 60.00 2.86	12 1.25 40.00 3.61	30 3.12
22	19 1.98 82.61 3.02	4 0.42 17.39 1.20	23 2.39
24	24 2.50 82.76 3.82	5 0.52 17.24 1.51	29 3.02
25	7 0.73 87.50 1.11	1 0.10 12.50 0.30	8 0.83
26	9 0.94 75.00 1.43	3 0.31 25.00 0.90	12 1.25
27	2 0.21 66.67 0.32	1 0.10 33.33 0.30	3 0.31
28	18 1.87 72.00 2.86	7 0.73 28.00 2.11	25 2.60
29	3 0.31 30.00 0.48	7 0.73 70.00 2.11	10 1.04
30	6 0.62 85.71 0.95	1 0.10 14.29 0.30	7 0.73
TOTAL	629 65.45	332 34.55	961 100.00

(CONTINUED)

TABLE F-14 (CONTINUED)

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY HOME OF RECORD AND JROTC PROGRAM GRADUATED FROM

HOR / JROTC FREQUENCY PERCENT ROW PCT COL PCT	12	22	TOTAL
32	5 0.52 55.56 0.79	4 0.42 44.44 1.20	9 0.94
33	1 0.10 20.00 0.16	4 0.42 80.00 1.20	5 0.52
34	8 0.83 80.00 1.27	2 0.21 20.00 0.60	10 1.04
35	24 2.50 82.76 3.82	5 0.52 17.24 1.51	29 3.02
36	6 0.62 100.00 0.95	0 0.00 0.00 0.00	6 0.62
37	57 5.93 69.51 9.06	25 2.60 30.49 7.53	82 8.53
38	0 0.00 0.00 0.00	1 0.10 100.00 0.30	1 0.10
39	20 2.08 76.92 3.18	6 0.62 23.08 1.81	26 2.71
40	1 0.10 33.33 0.16	2 0.21 66.67 0.60	3 0.31
41	0 0.00 0.00 0.00	1 0.10 100.00 0.30	1 0.10
42	12 1.25 63.16 1.91	7 0.73 36.84 2.11	19 1.98
44	5 0.52 83.33 0.79	1 0.10 16.67 0.30	6 0.62
TOTAL	629 65.45	332 34.55	961 100.00

(CONTINUED)

TABLE F-14 (CONTINUED)

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY HOME OF RECORD AND JROTC PROGRAM GRADUATED FROM

HOR / JROTC FREQUENCY PERCENT ROW PCT COL PCT	12	22	TOTAL
45	46 4.79 67.65 7.31	22 2.29 32.35 6.63	68 7.08
47	15 1.56 65.22 2.38	8 0.83 34.78 2.41	23 2.39
48	42 4.37 50.60 6.68	41 4.27 49.40 12.35	83 8.64
49	1 0.10 100.00 0.16	0 0.00 0.00 0.00	1 0.10
51	29 3.02 37.18 4.61	49 5.10 62.82 14.76	78 8.12
52	0 0.00 0.00 0.00	1 0.10 100.00 0.30	1 0.10
53	13 1.35 81.25 2.07	3 0.31 18.75 0.90	16 1.66
55	3 0.31 37.50 0.48	5 0.52 62.50 1.51	8 0.83
56	1 0.10 33.33 0.16	2 0.21 66.67 0.60	3 0.31
TOTAL	629 65.45	332 34.55	961 100.00

TABLE F-15

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986, BY AFQT CATEGORY AND BRANCH OF SERVICE ENLISTED INTO

AFQT	SERVICE				
FREQUENCY PERCENT ROW PCT COL PCT	ARMY	NAVY	USAF	USMC	TOTAL
4	19 1.98 28.36 5.29	46 4.79 68.66 12.17	2 0.21 2.99 2.17	0 0.00 0.00 0.00	67 6.97
5	153 15.92 39.64 42.62	139 14.46 36.01 36.77	32 3.33 8.29 34.73	62 6.45 16.06 46.97	386 40.17
6	82 8.53 36.61 22.84	85 8.84 37.95 22.49	21 2.19 9.38 22.83	36 3.75 16.07 27.27	224 23.31
7	97 10.09 37.89 27.02	91 9.47 35.55 24.07	35 3.64 13.67 38.04	33 3.43 12.89 25.00	256 26.64
8	8 0.83 28.57 2.23	17 1.77 60.71 4.50	2 0.21 7.14 2.17	1 0.10 3.57 0.76	28 2.91
TOTAL	359 37.36	378 39.33	92 9.57	132 13.74	961 100.00

TABLE F-16

NAVY JROTC MALE PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY JROTC PROGRAM GRADUATED FROM AND
RACE/ETHNIC GROUP

JROTC	RACEETH						
FREQUENCY PERCENT ROW PCT COL PCT	1	2	3	4	5	6	TOTAL
12	324 37.24 56.84 64.54	207 23.79 36.32 68.54	24 2.76 4.21 60.00	3 0.34 0.53 60.00	7 0.80 1.23 58.33	5 0.57 0.88 55.56	570 65.52
22	178 20.46 59.33 35.46	95 10.92 31.67 31.46	16 1.84 5.33 40.00	2 0.23 0.67 40.00	5 0.57 1.67 41.67	4 0.46 1.33 44.44	300 34.48
TOTAL	502 57.70	302 34.71	40 4.60	5 0.57	12 1.38	9 1.03	870 100.00

TABLE F-17

NAVY JROTC FEMALE PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY JROTC PROGRAM GRADUATED FROM AND RACE/ETHNIC GROUP

JROTC / RACEETH	1	2	3	4	5	6	TOTAL
12	25	30	3	1	0	0	59
	27.47	32.97	3.30	1.10	0.00	0.00	64.84
	42.37	50.85	5.08	1.69	0.00	0.00	
	54.35	75.00	100.00	100.00	.	0.00	
22	21	10	0	0	0	1	32
	23.08	10.99	0.00	0.00	0.00	1.10	35.16
	65.63	31.25	0.00	0.00	0.00	3.13	
	45.65	25.00	0.00	0.00	.	100.00	
TOTAL	46	40	3	1	0	1	91
	50.55	43.96	3.30	1.10	0.00	1.10	100.00

END NOTES

1. Chief of Staff of the Army Headquarters, Department of the Army, ROTC Study Group Report Vol. II - JROTC (1916-1985), Government Printing Office, Washington, D.C., 1986.

2. Chief of Naval Education and Training, Department of the Navy, NJROTC Fact Sheet, Government Printing Office, Washington, D.C., 1986, p. 1.

3. Ibid., p. 1.

4. Ibid., p. 1.

5. Chief of Naval Education and Training, Department of the Navy, NJROTC Information Booklet, Government Printing Office, Washington, D.C., 1986, p.1.

6. Certain variables (e.g., sex) had a category for members who did not fall under the proper classification (e.g., male or female). This undefined category is due to having a blank on this portion of the file format sheet. The amount of these errors for all variables was under one percent of the total population size observed.

7. Due to the errors mentioned above in end note six, the cross-tabulation tables reflected a difference in totals between certain variables measured. Again, this difference in totals was never greater than one percent of the total population size observed.

8. Data from fiscal years 1977-1986 were used because the files prior to fiscal year 1977 were incomplete and the files for fiscal year 1987 were not fully updated when this research began.

9. Berenson, M.L. and Levine, D.M., Basic Business Statistics Concepts and Applications, third edition, p. 111, Prentice-Hall, 1986.

10. Ibid., p. 113.

11. Bowman, W., Little, R., and Silicia, G.T., The All-Volunteer Force After a Decade, p. 33, Pergamon-Brassey's, 1986.

BIBLIOGRAPHY

Barker, E.L., "Naval Youth Programs," United States Naval Institute Proceedings, V. 99, June 1973.

Berenson, M.L. and Levine, D.M., Basic Business Statistics Concepts and Applications, 3rd ed., Prentice-Hall, 1986.

Bowman, W., Little, R., and Silicia, G.T., The All-Volunteer Force After A Decade, Pergamon-Brassey's, 1986.

Capozzalo, D.S., "NJROTC: Profile and Practice," United States Naval Institute Proceedings, V. 101, July 1975.

Chief of Naval Education and Training, Department of the Navy, NJROTC Fact Sheet, Government Printing Office, Washington, D.C., 1986.

Chief of Naval Education and Training, Department of the Navy, NJROTC Information Sheet, Government Printing Office, Washington, D.C., 1986.

Chief of Staff of the Army Headquarters, Department of the Army, ROTC Study Group Report, Vol II - JROTC (1916-1985), Government Printing Office, Washington, D.C.,1986.

Kennedy, R.W., "Navy Blue and Blonde," United States Naval Institute Proceedings, V. 99, August 1973.

Lindner, E.W., "Our Classist Army/How the Pentagon Cons Kids," Christianity and Crisis, V. 37, 16 May 1977.

Murphy, T.W., "High School Howgozit - The NJROTC Comes of Age," United States Naval Institute Proceedings, V. 99, September 1973.

Smith, W.L., "NJROTC - A Chance to Grow," Campus, July 1979.

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